For Official Use.

MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

JANUARY 1927.

Published by Authority of the Registrar-General.

REPORT

During the month of January 1927 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4247 living children, of whom 2177 were males, and 2070 were females. Compared with the number registered in the previous month, that of males is 15 less, but that of females 62 more, and that of both sexes combined 47 more. The monthly birth-rate in these towns taken collectively was 20·9 per thousand, which rate is 0·3 more than that of the previous month, but is 1·7 less than the average.

In the individual towns the monthly birth-rate averaged 20·8, and varied from 27·0 in Coatbridge, 23·2 in Clydebank, 22·4 in Glasgow, and 22·3 in Motherwell and Wishaw, to 15·2 in Perth, 15·7 in Ayr, 17·0 in Edinburgh, and 19·0 in Aberdeen. In Kilmarnock this rate was 22·1, in Paisley 22·0, in Kirkcaldy 21·3, in Dundee 21·2, in Falkirk 21·2, in Dunfermline 21·2, in Greenock 21·1, and in Hamilton 21·1.

Of the 4247 children whose births were registered during the month, 3990, or 93·9 per cent., were legitimate, while 257, or 6·1 per cent., were illegitimate. The legitimate children of the month numbered 60 more than in the previous month, but the illegitimate children numbered 13 fewer. The illegitimate rate of the month is 0·3 less than that of the previous month. In the individual towns the illegitimate rate of the month ranged from 11·6 in Perth, 7·8 in Edinburgh, 7·1 in Dundee, and 6·7 in Aberdeen and in Motherwell and Wishaw, to 0 in Falkirk, 1·5 in Dunfermline, 2·9 in Kilmarnock, and 3·9 in Kirkcaldy.

Marriages registered in these towns during the month numbered 1982, which number is 237 in excess of that of the previous month. The monthly marriage-rate was 9·7 per thousand, which is 1·1 more than that of the previous month, but 0·4 less than the average. In the individual towns this rate averaged 9·6, and varied from 16·4 per thousand in Kilmarnock, 13·1 in Perth, 13·0 in Falkirk, 11·0 in Coatbridge, and 10·5 in Aberdeen, to 5·0 in Hamilton, 5·6 in Greenock, and 6·5 in Motherwell and Wishaw. In Glasgow the monthly marriage-rate was 10·3, in Edinburgh 9·3, and in Dundee 9·9.

Deaths registered in these towns during the month numbered 3385, of whom 1680 were males, and 1705 were females. Deducting the deaths of persons with

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the three preceding years.

usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number of deaths for the month is found to be 3187. This corrected number includes the deaths of 1568 males and 1619 females. The corrected number of deaths is 164 more than in the previous month.

The monthly death-rate in the Sixteen Towns taken collectively and based on the corrected number of deaths was 15·7 per thousand. This rate is 0·8 more than that of the previous month, but 0·7 less than average. The death-rate in the individual towns averaged 14·4, and ranged from 18·6 in Dundee, 17·4 in Coatbridge, 16·7 in Aberdeen, 16·3 in Perth, 16·1 in Hamilton, and 16·0 in Glasgow, to 9·2 in Kirkcaldy, 11·1 in Ayr, and 11·4 in Dunfermline. In Edinburgh the monthly death-rate was 15·8, in Greenock 15·4, in Paisley 14·3, in Kilmarnock 13·9, in Motherwell and Wishaw 13·4, in Clydebank 12·9, and in Falkirk 12·3.

Deaths of children of less than one year old numbered 525, and equalled an infantile mortality rate of 117 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are 4 fewer than in the previous month. The infantile mortality rate is 1 less than in the previous month, and 1 less than the January average. In the individual towns the infantile mortality rate of the month averaged 119, and varied from 192 in Coatbridge, 154 in Ayr, 149 in Dundee, 143 in Perth, and 139 in Aberdeen, to 29 in Kirkcaldy, 81 in Falkirk, and 87 in Edinburgh. In Dunfermline this rate was 123, in Clydebank 121, in Glasgow 119, in Kilmarnock 119, in Hamilton 118, in Greenock 116, in Motherwell and Wishaw 113, and in Paisley 104.

Deaths from the principal epidemic diseases numbered 119, and equalled a death-rate of 0·6 per thousand. These deaths collectively number the same as in the previous month, but 180 less than the January average. They include 10 from measles, 8 from scarlet fever, 32 from whooping-cough, 31 from diphtheria, and 38 from the diarrhœas of childhood. Deaths from whooping-cough numbered 14 more than in the previous month, and those from the diarrhœas of childhood 11 more, but those from measles are 2 fewer, from diphtheria 8 fewer, and from scarlet fever 13 fewer. In the previous month 2 deaths from enteric fever were recorded.

Deaths from influenza in all numbered 74. In December they numbered 42, in November 35, and in October 20.

Deaths from respiratory diseases other than phthisis, but exclusive of those associated with influenza, numbered 684, which is 6 more than in the previous month. These deaths equalled a death-rate of 3·4 per thousand, which rate is 0·1 more than in the previous month, but is the same as average.

Deaths from all forms of tuberculous disease numbered 230, of which 164 were attributed to tuberculosis of the respiratory system. The former number is 36 more than in the previous month, but 26 less than average. The latter number is 20 more than in the previous month, but 26 less than average.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

JANUARY 1927.

Mean barometric pressure, 29·512 in.; less than the average of 1881-1915 by 0·356 in.

Mean temperature, 39°·5; greater by 1°·5.

Mean daily range of temperature, 8°·0; less by 0°·8.

Rain, depth in inches, 4·30; greater by 1·09 in.

Wind, direction of: a 5 days' excess of south-westerly winds.

Pressure conditions were in general unstable, and during the last week abnormally so. On 4th the wind shifted to the north in the rear of a depression which had passed to Scandinavia, and on 13th a deep disturbance lay over the north of Scotland. On 24th an unusually deep depression had developed over the Atlantic, and between 26th and 29th vigorous secondaries passed across England. The mean pressure of the month was the lowest recorded for January since 1915, and at Edinburgh the extremes at sea-level were 30·25 in. on 10th and 28·73 in. on 29th.

Temperature was on the whole variable, mild conditions during the first two or three days being followed by a brief cold snap, and that in turn by a rapid recovery to a maximum very generally on 9th (58° at Balmoral). Wintry conditions prevailed during the third week or so, with lowest readings in many districts on 20th (10° at Braemar), and during the last week temperature was moderate, though, as a rule, somewhat above the normal.

Rainfall was slightly below the normal in some eastern districts; but over the greater part of Scotland there was a decided excess, though within the wettest areas amounts were less than those recorded in January 1921. In west and south rain fell on every day from 1st to 13th, with some heavy falls on 2nd (2·35 in. at Kinlochquoich), on 6th and 7th, and on 12th (2·24 in. at Gruline in Mull); whilst in eastern districts amounts were comparatively moderate. During the next few days precipitation was unimportant, except on 17th; but on 20th a wet period lasting until the end of the month set in, with rain extending to all districts on most days from 24th onwards. Between 24th and 29th some heavy falls occurred, —at Leadhills 1·91 in. on 24th and at Achnacarry 2·23 in. on 27th.

Wind force was frequently high, and between 26th and 29th extremely stormy weather prevailed, with a maximum intensity on the afternoon of 28th, when a wind velocity in a gust of as much as 104 miles per hour was recorded at Paisley. Considerable damage and some loss of life occurred at sea and on land, notably in the Glasgow area. Snow fell rather widely around 4th and 20th.

Thunder occurred here and there on 7th, 9th, 16th, and sporadically in the west on almost every day from 23rd to 31st.

In the east sunshine aggregates were slightly above the normal. In the west fog occurred at times.

Aurora was observed at Baltasound, Shetland, on 4th, 7th, 25th, 27th, 29th, 30th, and at some points on 1st and 5th, 6th and 8th.

A severe earth tremor was experienced in eastern districts and as far north as Baltasound about 5·20 a.m on 24th, and another in western districts on the morning of 27th.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 8.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, JANUARY 1927.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		Total Corrected.
	Census 1921.	Estimated to middle of 1927.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	
GLASGOW, . .	1,051,518	1,049,000	1019	975	1994	1876	118	919	794	741	1535	142	33	1426
EDINBURGH, .	420,264	426,100	327	288	615	567	48	336	317	324	641	86	18	573
DUNDEE, . .	168,315	170,800	152	156	308	286	22	144	123	146	269	9	10	270
ABERDEEN, . .	158,963	158,300	135	120	255	238	17	141	115	120	235	33	22	224
PAISLEY, . .	84,837	86,200	66	95	161	153	8	58	48	60	108	9	6	105
GREENOCK, . .	81,123	81,900	78	69	147	139	8	39	55	54	109	6	4	107
MOTHERWELL AND WISHAW, .	68,869	71,200	79	56	135	126	9	39	35	30	65	0	16	81
CLYDEBANK, .	46,601	46,700	47	45	92	87	5	34	16	24	40	0	11	51
COATBRIDGE, .	43,919	44,000	50	51	101	97	4	41	20	36	56	1	10	65
DUNFERMLINE, .	39,899	36,200	36	29	65	64	1	30	20	20	40	7	2	35
KIRKCALDY, .	39,591	42,000	36	40	76	73	3	30	16	19	35	6	4	33
HAMILTON, . .	39,504	40,100	43	29	72	68	4	17	31	23	54	4	5	55
KILMARNOCK, .	35,911	37,300	35	35	70	68	2	52	28	28	56	14	2	44
AYR, . . .	35,763	38,200	26	25	51	48	3	27	23	23	46	11	1	36
FALKIRK, . .	33,308	34,500	29	33	62	62	0	38	20	21	41	6	1	36
PERTH, . . .	33,208	33,200	19	24	43	38	5	37	19	36	55	9	0	46
TOTAL . . (SIXTEEN TOWNS)	2,381,593	2,395,700	2177	2070	4247	3990	257	1982	1680	1705	3385	343	145	3187

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, JANUARY 1927.

TOWNS	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW, .	22·4	5 9	10 3	17·2	16·0	0·7	1·2	0·8	3·7	246	119
EDINBURGH. .	17·0	7 8	9·3	17·7	15·8	0·4	1·3	0·9	2·5	59	87
DUNDEE, . .	21·2	7·1	9·9	18·5	18·6	0 9	1·0	0·9	4 6	47	149
ABERDEEN, .	19·0	6·7	10·5	17·5	16 7	0·5	1 0	0·8	3·0	40	139
PAISLEY, . .	22·0	5·0	7 9	14·7	14·3	0 5	0·8	0·5	3·0	17	104
GREENOCK, .	21·1	5·4	5·6	15·7	15·4	0·3	0·4	0·1	3·4	19	116
MOTHERWELL AND WISHAW,	22·3	6·7	6·5	10·8	13 4	0 7	1·5	0·8	4·0	16	113
CLYDEBANK, .	23 2	5·4	8·6	10 1	12·9	0·3	2·3	1 8	2 0	11	121
COATBRIDGE, .	27 0	4·0	11·0	15 0	17·4	1 6	0 8	0·5	5·3	19	192
DUNFERMLINE,	21·2	1·5	9·8	13·0	11·4	0 7	0·3	0 0	2·0	8	123
KIRKCALDY, .	21·3	3 9	8·4	9·8	9·2	0·0	0·0	0·0	2·0	2	29
HAMILTON, .	21·1	5·6	5 0	15·8	16·1	0·0	1·2	0 6	3·8	10	118
KILMARNOCK,	22·1	2·9	16·4	17·7	13·9	0·3	0 3	0·3	3·2	8	119
AYR, . . .	15·7	5·9	8·3	14·2	11 1	1·2	1·2	0·9	1 9	10	154
FALKIRK, . .	21·2	0·0	13·0	14·0	12 3	0·3	2 0	1·0	2·4	5	81
PERTH, . .	15·2	11 6	13·1	19·5	16 3	0·0	1·1	1·1	2·8	8	143
TOTAL . . (SIXTEEN TOWNS)	20·9	6·1	9·7	16·6	15·7	0·6	1·1	0·8	3·4	525	117

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, ETC. FOR JANUARY 1927, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only.)
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
JAN. 1927,	**20·9**	**6·1**	**9·7**	**15·7**	**0**	**0**	**10**	**8**	**32**	**31**	**38**	**117**	**39°·5**
JAN. 1926,	22·1	6·3	10·6	15·1	1	0	73	15	28	29	23	96	40°·0
JAN. 1925,	21·8	6·3	10·2	16·6	3	0	72	17	168	45	29	128	40°·9
JAN. 1924,	23·9	6·7	9·6	17·6	2	0	217	17	91	31	35	130	39°·2
JAN. 1923,	25·9	6·5	11·7	16·2	2	0	84	25	67	33	31	109	42°·6
JAN. 1922,	28·6	7·0	11·2	33·6	3	0	296	21	123	39	48	206	37°·0
JAN. 1921,	26·1	7·0	15·9	16·9	1	7	18	18	60	34	66	113	41°·8
JAN. 1920,	34·1	6·9	16·6	16·9	4	0	65	8	20	39	37	128	38°·7
JAN. 1919,	20·3	10·7	11·4	18·4	1	0	10	9	110	44	29	152	37°·2
JAN. 1918,	20·1	8·2	10·9	16·9	2	0	105	6	79	32	44	124	36°·3
JAN. 1917,	23·1	7·1	10·9	19·0	2	0	79	6	51	41	58	129	36°·1

Figures in columns 5-13 have been corrected for non-resident deaths.

* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—January 1927.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	10	7	3	4	5	1	-	-	-	-	-	-	-	-	-
Scarlet Fever	8	2	6	1	4	3	-	-	-	-	-	-	-	-	-
Whooping-cough	32	18	14	16	16	-	-	-	-	-	-	-	-	-	-
Diphtheria	31	16	15	2	19	8	1	1	-	-	-	-	-	-	-
Influenza	74	37	37	4	3	-	1	1	7	9	10	19	10	9	1
Encephalitis Lethargica	3	1	2	-	-	-	-	1	-	1	-	-	1	-	-
Cerebro-spinal Meningitis	3	-	3	3	-	-	-	-	-	-	-	-	-	-	-
Other Epidemic Diseases	10	6	4	2	1	-	-	-	2	2	-	2	1	-	-
Tuberculosis of Respiratory System	164	85	79	1	2	2	8	42	38	34	22	8	5	2	-
Tuberculous Meningitis	28	14	14	3	12	7	3	1	-	1	1	-	-	-	-
Tuberculosis of Intestines and Peritoneum	9	1	8	2	1	2	1	2	1	-	-	-	-	-	-
Other Tuberculous Disease	29	12	17	3	5	1	2	4	5	2	5	-	2	-	-
Malignant Tumours	300	128	172	-	1	-	1	1	9	24	65	87	78	30	4
Rheumatic Fever	10	3	7	-	-	-	2	4	1	-	2	-	1	-	-
Meningitis (not Cer.-spin. or Tuberc.)	19	8	11	5	3	-	1	2	-	3	4	1	-	-	-
Apoplexy	287	135	152	-	-	1	-	-	1	6	29	59	109	68	14
Heart Disease	337	158	179	-	-	1	4	9	7	26	36	70	97	67	20
Diseases of Arteries	43	23	20	-	-	-	-	-	1	-	4	6	15	14	3
Bronchitis	258	132	126	42	7	3	-	3	4	6	11	41	75	50	16
Pneumonia (all forms)	379	212	167	136	62	8	4	12	10	21	29	29	38	26	4
Other Diseases of Respiratory System	47	24	23	11	3	1	1	2	1	1	4	4	10	8	1
Diarrhœa and Enteritis (under 2 years)	38	18	20	30	8	-	-	-	-	-	-	-	-	-	-
Appendicitis	28	15	13	-	1	3	3	4	4	4	2	5	1	1	-
All Diseases of Liver (not Malignant)	24	9	15	-	-	-	-	2	-	2	3	7	10	-	-
Nephritis, Acute and Chronic	79	44	35	1	1	-	1	5	8	11	11	20	17	4	-
Puerperal Sepsis	16	-	16	-	-	-	-	3	9	4	-	-	-	-	-
Other Dis. & Accidents of Preg. & Part.	19	-	19	-	-	-	-	3	9	6	1	-	-	-	-
Diseases of Early Infancy and Malform.	206	95	111	204	2	-	-	-	-	-	-	-	-	-	-
Suicide	17	11	6	-	-	-	-	1	1	4	6	3	2	-	-
Other Violent Deaths	135	85	50	9	16	7	4	11	14	13	16	16	12	16	1
Other Defined Diseases	494	241	253	43	15	11	3	11	17	45	50	65	90	103	41
Causes Ill-defined or Unknown	50	28	22	3	2	2	1	-	1	4	6	13	11	6	1
	3187	1568	1619	525	189	61	41	125	150	229	317	455	585	404	106

DEATHS IN EACH TOWN (corrected for Transfers)—January 1927.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	...	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	10	3	7	...	...	...	...	...	...
Scarlet Fever	8	4	...	2	...	...	1	1	...
Whooping-cough	32	15	2	...	2	1	1	2	...
Diphtheria	31	12	4	8	3	1	...	1	...
Influenza	74	28	17	6	6	2	3	3	...
Encephalitis Lethargica	3	...	...	...	...	...	1	...	...
Cerebro-spinal Meningitis	3	1	1	...	...	1	...	...	...
Other Epidemic Diseases	10	6	1	...	...	...	...	2	...
Tuberculosis of Respiratory System ...	164	75	34	13	11	4	1	5	7
Tuberculous Meningitis	28	16	5	...	1	1	...	1	2
Tuber. of Intestines and Peritoneum	9	5	1	...	...	1	...	1	...
Other Tuberculous Disease	29	10	6	2	2	...	2	2	...
Malignant Tumours	300	130	65	22	24	12	4	8	2
Rheumatic Fever	10	4	2	1	2	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	19	12	3	1	...	1	1	...	1
Apoplexy	287	114	68	21	23	7	9	2	6
Heart Disease	337	135	77	38	19	18	11	4	5
Diseases of Arteries	43	10	11	4	6	2	1	...	...
Bronchitis	258	114	35	26	18	7	11	9	3
Pneumonia (all forms)	379	204	41	39	20	15	10	14	5
Other Diseases of Respiratory System	47	14	13	2	3	...	3	1	...
Diarrhœa and Enteritis (under 2 years)	38	24	3	3	2	2	...	...	1
Appendicitis	28	8	5	2	1	3	2	...	...
All Diseases of Liver (not Malignant)	24	12	5	2	...	1	...	...	...
Nephritis, Acute and Chronic ...	79	36	15	5	7	1	2	1	3
Puerperal Sepsis	16	5	...	4	2	2	...	1	...
Other Diseases and Accidents of Pregnancy and Parturition	19	12	1	...	3	...	...	1	2
Dis. of Early Infancy and Malformations	206	98	26	16	18	5	7	5	6
Suicide	17	9	3	1	...	...	...	1	...
Other Violent Deaths	135	70	21	14	5	2	6	3	1
Other Defined Diseases	494	209	99	35	41	14	27	13	7
Causes Ill-defined or Unknown ...	50	31	2	3	5	2	4	...	...
All Causes ...	3187	1426	573	270	224	105	107	81	51
AGE AT DEATH.									
Under 1	525	246	59	47	40	17	19	16	11
1– 4	189	111	18	18	9	2	5	7	3
5– 9	61	29	7	5	5	1	7	1	2
10–14	41	20	9	1	...	1	...	1	1
15–24	125	57	16	11	3	9	6	6	4
25–34	150	74	25	15	12	6	...	5	5
35–44	229	110	32	17	13	5	8	14	6
45–54	317	136	77	22	24	11	8	6	3
55–64	455	215	87	43	30	17	12	6	4
65–74	585	257	127	49	32	18	23	8	7
75–84	404	143	86	28	43	12	15	10	4
85 and over	106	28	30	14	13	6	4	1	1
All Ages ...	3187	1426	573	270	224	105	107	81	51

DEATHS IN EACH TOWN (corrected for Transfers)—January 1927—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...
Whooping-cough	4	1	...	...	...	4	...	...
Diphtheria	1	...	...	...	...	...	1	...
Influenza...	1	...	1	1	2	...	1	3
Encephalitis Lethargica	...	...	...	...	1	1	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	1	...	...	...	...
Tuberculosis of Respiratory System ...	2	...	...	2	1	3	3	3
Tuberculous Meningitis	1	...	...	1	...	...	...	...
Tuber. of Intestines and Peritoneum ...	...	1	...	...	...	...	...	...
Other Tuberculous Disease	...	...	...	1	...	1	3	...
Malignant Tumours	5	4	5	6	1	1	6	5
Rheumatic Fever	...	...	...	...	1	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	...	...	...	...	...	...	...	...
Apoplexy	3	5	2	10	9	2	...	6
Heart Disease	4	2	6	4	5	4	2	3
Diseases of Arteries	1	...	2	1	...	2	1	2
Bronchitis	10	2	2	7	4	3	4	3
Pneumonia (all forms)	10	3	5	3	4	3	1	2
Other Diseases of Respiratory System	...	1	...	3	2	...	2	3
Diarrhœa and Enteritis (under 2 years)	1	1	...	...	1	...	...	...
Appendicitis	2	1	1	...	2	1	...	...
All Diseases of Liver (not Malignant)	...	...	1	...	1	...	...	2
Nephritis, Acute and Chronic... ...	2	1	1	...	...	2	...	3
Puerperal Sepsis	...	...	...	...	...	...	1	1
Other Diseases and Accidents of Pregnancy and Parturition	...	...	...	...	...	...	...	...
Dis. of Early Infancy and Malformations	5	5	1	3	2	3	2	4
Suicide	...	2	1	...	...	...	...	...
Other Violent Deaths	2	3	...	3	3	...	1	1
Other Defined Diseases	11	3	5	8	5	6	7	4
Causes Ill-defined or Unknown ...	...	...	...	1	...	...	1	1
All Causes ...	65	35	33	55	44	36	36	46
AGE AT DEATH.								
Under 1	19	8	2	10	8	10	5	8
1– 4	3	3	2	2	...	1	2	3
5– 9	1	...	...	1	...	...	2	...
10–14	1	1	...	2	1	1	...	2
15–24	1	1	1	3	1	4	...	2
25–34	...	...	...	2	1	1	3	1
35–44	6	2	1	1	4	2	2	6
45–54	2	4	4	5	7	1	3	4
55–64	8	1	5	6	6	5	6	4
65–74	9	10	8	12	10	4	4	7
75–84	14	3	8	9	5	6	9	9
85 and over	1	2	2	2	1	1	...	...
All Ages ...	65	35	33	55	44	36	36	46

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth,

During the Month of January 1927.

OBSERVERS.	Height of Barometer above Sea-level.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Station-level and 32°.	AIR PRESSURE Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A).	Mean of Minimum (B.)	Mean of A and B (Mean Temperature).	Difference from Average, 1881–1915.	Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average, 1881–1915.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°			°	inch.	per cent.		inch.	inch.									
GLASGOW,† Professor J. R. Currie, M.D., The University.	139	29·392	29·549	44·9	36·5	40·7	+2·1	54	9th	22	20th	40·4	1·6	·213	86	26	4·94	+1·67	0	2	0	4	8	22	18	2	6
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·041	29·524	43·7	35·4	39·5	+1·5	52	9, 10	26	20th	39·1	2·1	·193	81	23	2·23	+0·49	0	0	1	3	6	19	28	3	2
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·304	29·489	42·1	33·2	37·7	+0·6	51	10th	22	20th	37·6	1·1	·203	90	21	1·91	−0·04	0	4	0	3	0	41	0	14	0
ABERDEEN,* The Meteorological Office.	90	29·346	29·448	42·3	35·9	39·1	+1·2	56	9th	25	5, 17	39·1	1·7	·200	85	18	1·87	−0·31	0	0	0	3	16	19	10	12	2
PAISLEY, The Coats Observatory.	107	29·420	29·541	44·1	36·5	40·3	+1·2	54	9th	22	20th	40·3	1·5	·216	87	26	6·38	+2·39	1	1	2	2	14	18	17	4	3
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	233	29·277	29·540	44·1	37·4	40·7	+2·3	53	9th	26	20th	40·4	1·7	·210	85	27	9·94	+3·10	0	1	4	2	4	17	20	13	1
PERTH,† J. Ritchie, The Museum.	22	29·465	29·490	43·6	33·4	38·5	+1·5	57	9th	16	20th	38·1	0·9	·210	91	21	2·85	+0·34	1	0	0	8	1	42	2	8	0
Means	171	29·321	29·512	43·5	35·5	39·5	+1·5	..	..	..	..	39·3	1·5	·206	86	23	4·30	+1·09	0	1	1	4	7	25	14	8	2

North Latitude.—Glasgow, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley 55° 51′; Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Glasgow 4° 17′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 26′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

FEBRUARY 1927.

Published by Authority of the Registrar-General.

REPORT

During the month of February 1927 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 3958 living children, of whom 2021 were males, and 1937 were females. Compared with the number registered in the previous month, that of males is 156 less, and that of females 133 less, the total children registered being 289 fewer than in that month. The monthly birth-rate in these towns taken collectively was 21·5 per thousand, which rate is 0·6 more than that of the previous month, but is 2·0 less than average.

In the individual towns the monthly birth-rate averaged 21·3, and varied from 30·8 in Coatbridge, 26·6 in Greenock, and 23·0 in Glasgow, to 17·6 in Motherwell and Wishaw, 18·6 in Edinburgh, and 18·9 in Aberdeen. In Kirkcaldy the monthly birth-rate was 22·3, in Dundee 22·2, in Falkirk 21·6, in Kilmarnock 21·0, in Clydebank 20·1, in Perth 20·0, in Ayr 19·8, in Hamilton 19·8, in Paisley 19·5, and in Dunfermline 19·5.

Of the 3958 children whose births were registered during the month, 3703, or 93·6 per cent., were legitimate, while 255, or 6·4 per cent., were illegitimate. The legitimate children of the month numbered 287 fewer, and the illegitimate children 2 fewer than in the previous month. The illegitimate rate of the month is 0·3 more than that of the previous month. In the individual towns the illegitimate rate of the month averaged 6·2, and ranged from 11·5 per cent. in Hamilton, 10·3 in Ayr, 9·7 in Clydebank, and 7·8 in Perth, to 0 in Dunfermline, 1·4 in Kirkcaldy, and 3·1 in Paisley.

Marriages registered in these towns during the month numbered 1151, and equalled a marriage-rate of 6·3 per thousand. This number is 831 less than in the previous month. This rate is 3·4 less than that of the previous month, but is 0·3 more than the February average. In the individual towns the monthly marriage-rate averaged 5·8, and varied from 9·4 in Perth, 7·2 in Ayr, and 6·9 in Edinburgh, to 2·2 in Clydebank, 3·1 in Kirkcaldy, and 4·3 in Greenock. In Glasgow this rate was 6·7, in Dundee 4·9, and in Aberdeen 6·8.

Deaths registered in these towns during the month numbered 3175, of which 1639 were of male persons, and 1536 of female. Deducting the deaths of persons with usual residence in Scotland but outwith the town of registration, and adding

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the three preceding years.

those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number of deaths for the month is found to be 3033. The corrected number includes the deaths of 1547 males and 1486 females. It is 154 less than that of the previous month.

The monthly death-rate in the Sixteen Towns taken collectively and based on the corrected number of deaths was 16·5 per thousand. This rate is 0·8 more than that of the previous month, but is 0·3 less than average. The death-rates in the individual towns averaged 15·8, and varied from 23·7 in Dundee, 23·0 in Aberdeen, 21·7 in Kilmarnock, and 19·2 in Perth, to 8·9 in Clydebank, 11·7 in Motherwell and Wishaw, and 12·6 in Ayr. In Edinburgh this rate was 16·2, in Dunfermline 15·9, in Glasgow 15·8, in Kirkcaldy 15·5, in Greenock 15·3, in Falkirk 14·0, in Coatbridge 13·9, in Hamilton 13·3, and in Paisley 12·8.

Deaths of children of less than one year old numbered 482, and equalled an infantile mortality rate of 120 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths numbered 43 fewer than in the previous month, but this death-rate is 3 higher than in that month, though 2 less than average. In the individual towns the infantile mortality rate of the month averaged 127, and varied from 254 per thousand in Dundee, 220 in Kilmarnock, 196 in Falkirk, and 180 in Aberdeen, to 54 in Paisley, 56 in Motherwell and Wishaw, and 68 in Dunfermline. In Coatbridge this rate was 154, in Greenock 142, in Clydebank 111, in Glasgow 109, in Hamilton 107, in Ayr 105, in Perth 100, in Kirkcaldy 92, and in Edinburgh 79.

Deaths from the principal epidemic diseases numbered 134, and equalled a death-rate of 0·7 per thousand. These deaths collectively number 15 more than in the previous month, but are 156 fewer than the February average. These deaths include 16 from measles, 8 from scarlet fever, 54 from whooping-cough, 33 from diphtheria, and 23 from the diarrhœas of childhood. Compared with the deaths in the previous month, deaths from the diarrhœas of childhood are 15 fewer, but those from scarlet fever are of the same number, while those from diphtheria are 2 more, from measles 6 more, and from whooping-cough 22 more. In the previous month, as in this month, no deaths from enteric fever were registered.

Deaths from influenza in all numbered 122, of which 61 were of males and 61 of females. Of them 13 were of children of less than 5 years old, 60 were of persons aged 5 to 65, and 49 were of persons aged 65 and over. In January these deaths numbered 74, in December 42, in November 35, and in October 20.

Deaths from respiratory diseases other than phthisis, but exclusive of those associated with influenza, numbered 685, which is 1 more than in the previous month. These deaths equalled a death-rate of 3·7 per thousand, which rate is 0·3 more than of the previous month, and 0·1 more than average.

Deaths from all forms of tuberculous disease numbered 249, of which 178 were attributed to tuberculosis of the respiratory system. The former number is 19 more than in the previous month, but is 7 less than average. The latter number is 14 more than in the previous month, but is 4 less than average.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

FEBRUARY 1927.

Mean barometric pressure, 29·934 in.; greater than the average of 1881-1915 by 0·091 in.

Mean temperature, 40°·1; greater by 1°·7.

Mean daily range of temperature, 9°·5; less by 0°·7.

Rain, depth in inches, 2·13; less by 0·70 in.

A 3 days' excess of south-westerly winds.

Pressure distribution was rather irregular during the first few days; but from about 8th to 18th anticyclonic conditions were largely dominant. From 19th onwards an unsettled type of weather prevailed; but a deep depression centred off the West of Ireland on 22nd, and others which moved across the South of England from 26th to 28th affected Scotland to only a moderate degree. At Edinburgh the extremes, at mean sea-level, were 30·59 in. on 9th and 29·01 in. on 23rd.

Temperature was rather low on 1st and 2nd, and, after a moderate recovery, decidedly low from about 8th to 13th, with rather severe ground frosts. Thereafter mild conditions were much in evidence. Highest readings occurred here and there on 3rd and 7th, rather widely on 16th (61° at Arbroath), and here and there on 26th; with lowest readings as a rule between 11th and 13th (14° at Eskdalemuir on 11th and at Braemar on 12th).

Rainfall approached or slightly exceeded the normal in the Loch Fyne area; but in most districts aggregates were decidedly deficient, and in some they represented less than half the normal. Light to fairly heavy rains were more or less general from 2nd to 6th, with as much as 1·80 in. at Ardgour on 3rd and 1·34 in. at Inveraray; but from 8th to 18th considerable areas were rainless or nearly so, though in some there were moderate falls around 13th. Conditions were rather unsettled around 21st and from 25th onwards; but no very heavy falls occurred.

Wind force was moderate as a rule, but a gale was experienced in Shetland on 3rd, and severe gales which visited the South of England during the last week had no counterpart in Scotland. No snow of importance occurred, though there were trifling falls here and there early in the month.

Slight thunder occurred at Montrose on 12th and 16th.

In most districts sunshine aggregates hardly reached the normal, a result largely due to the occasional prevalence of fog; but the Moray Firth area was conspicuously sunny. Thus Gordon Castle had an aggregate of 99 hours, and Fortrose and Nairn 95 hours, as compared with 79 hours at Edinburgh and 50 hours at Stornoway.

Aurora was observed at one or two points on 1st, 8th, 18th and 25th, and more widely on 24th. Lerwick Observatory reported no active displays, but noted "auroral glows" on 1st, 3rd, 4th, 25th, 26th and 27th.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 16.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, February 1927.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		Total Corrected.
	Census 1921.	Estimated to middle of 1927.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	
GLASGOW, . .	1,051,518	1,049,000	946	903	1849	1725	124	536	701	643	1344	116	41	1269
EDINBURGH, .	420,264	426,100	319	288	607	567	40	224	308	261	569	59	20	530
DUNDEE, . .	168,315	170,800	157	134	291	271	20	64	167	155	322	16	5	311
ABERDEEN, . .	158,963	158,300	109	121	230	214	16	83	125	154	279	31	31	279
PAISLEY, . .	84,837	86,200	63	66	129	125	4	35	46	43	89	7	3	85
GREENOCK, . .	81,123	81,900	82	85	167	160	7	27	56	46	102	9	3	96
MOTHERWELL AND WISHAW, .	68,869	71,200	46	50	96	89	7	31	28	30	58	1	7	64
CLYDEBANK, .	46,601	46,700	38	34	72	65	7	8	12	14	26	0	6	32
COATBRIDGE, .	43,919	44,000	54	50	104	99	5	18	26	21	47	3	3	47
DUNFERMLINE, .	39,899	36,200	29	25	54	54	0	19	14	32	46	3	1	44
KIRKCALDY, .	39,591	42,000	36	36	72	71	1	10	24	23	47	2	5	50
HAMILTON, . .	39,504	40,100	30	31	61	54	7	21	23	15	38	0	3	41
KILMARNOCK, .	35,911	37,300	28	32	60	57	3	14	32	32	64	6	4	62
AYR, . . .	35,763	38,200	28	30	58	52	6	21	26	20	46	12	3	37
FALKIRK, . .	33,308	34,500	31	26	57	53	4	16	24	17	41	5	1	37
PERTH, . . .	33,208	33,200	25	26	51	47	4	24	27	30	57	10	2	49
TOTAL . . (SIXTEEN TOWNS)	2,381,593	2,395,700	2021	1937	3958	3703	255	1151	1639	1536	3175	280	138	3033

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, February 1927.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW, .	23·0	6·7	6·7	16·7	15·8	0·8	1·5	1·1	3·6	204	109
EDINBURGH, .	18·6	6·6	6·9	17·4	16·2	0·6	1·5	1·1	3·4	48	79
DUNDEE, . .	22·2	6·9	4·9	24·6	23·7	1·7	1·0	0·8	7 0	72	254
ABERDEEN, .	18·9	7·0	6·8	23·0	23 0	0·3	1 5	0·8	5·7	46	180
PAISLEY, . .	19·5	3·1	5·3	13·5	12·8	0 3	0·9	0·3	2·1	8	54
GREENOCK, .	26·6	4·2	4·3	16·2	15·3	0·5	1·4	0·8	2·9	21	142
MOTHERWELL AND WISHAW,	17·6	7·3	5·7	10·6	11·7	0 5	1·5	0·5	1·3	7	56
CLYDEBANK, .	20·1	9·7	2·2	7·3	8·9	0·0	0·8	0·6	2·2	9	111
COATBRIDGE, .	30 8	4·8	5·3	13·9	13·9	0·9	1·2	0·3	2·7	14	154
DUNFERMLINE,	19·5	0 0	6·8	16·6	15·9	1·1	0·7	0·7	2·5	4	68
KIRKCALDY, .	22·3	1·4	3·1	14·6	15·5	0·0	1·9	1·9	2·8	6	92
HAMILTON, .	19·8	11·5	6 8	12·3	13·3	0·3	1·6	1 0	2·9	8	107
KILMARNOCK,	21·0	5·0	4·9	22·4	21·7	0·3	0 7	0·7	4·5	13	220
AYR, . . .	19·8	10·3	7·2	15·7	12·6	1·4	1·0	1·0	3·1	6	105
FALKIRK, . .	21·6	7·0	6·1	15·5	14·0	0·4	0·8	0·4	4·5	11	196
PERTH, . .	20·0	7·8	9·4	22·3	19·2	0·4	1·2	0·4	4·3	5	100
TOTAL . . (SIXTEEN TOWNS)	21·5	6·4	6·3	17·3	16·5	0·7	1·4	1·0	3·7	482	120

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR FEBRUARY 1927, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

Month.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. (Seven Towns only).
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
FEB. 1927, .	**21·5**	**6·5**	**6·3**	**16·5**	**0**	**0**	**16**	**8**	**54**	**33**	**23**	**120**	**40°·1**
FEB. 1926, .	23·0	6·1	6·4	15·2	2	0	153	19	27	26	31	103	41°·3
FEB. 1925, .	22·7	6·0	5·9	15·8	1	0	44	26	127	40	26	105	39°·2
FEB. 1924, .	25·0	6·1	5·4	18·8	1	0	160	16	110	34	27	156	39°·7
FEB. 1923, .	25·4	6·6	7·1	14·7	5	0	55	17	56	35	25	99	39°·7
FEB. 1922, .	27·6	6·8	7·1	24·2	0	0	237	16	105	33	51	172	38°·7
FEB. 1921, .	27·3	7·1	8·6	18·6	4	5	19	17	162	42	50	133	40°·9
FEB. 1920, .	33·9	7·9	9·4	15·3	0	0	46	10	21	38	32	129	42°·1
FEB. 1919, .	18·1	9·8	7·8	34·4	1	0	25	10	201	49	32	200	34°·5
FEB. 1918, .	19·6	8·1	7·9	14·5	3	0	63	4	79	29	32	110	42°·8
FEB. 1917, .	21·8	8·6	6·6	19·6	5	0	71	9	106	31	26	124	36°·5

Figures in columns 5-13 have been corrected for non-resident deaths.

* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—February 1927.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over
Enteric Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhus Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	16	9	7	2	14	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	8	3	5	-	4	3	-	1	-	-	-	-	-	-	-
Whooping-cough	54	25	29	30	24	-	-	-	-	-	-	-	-	-	-
Diphtheria	33	17	16	-	18	12	1	1	1	-	-	-	-	-	-
Influenza	122	61	61	7	6	-	1	4	6	13	19	17	23	20	6
Encephalitis Lethargica	4	2	2	-	-	1	-	1	-	1	1	-	-	-	-
Cerebro-spinal Meningitis	6	4	2	4	1	-	1	-	-	-	-	-	-	-	-
Other Epidemic Diseases	10	4	6	5	-	-	-	-	-	-	1	2	1	-	1
Tuberculosis of Respiratory System	178	102	76	1	2	-	5	32	47	40	22	23	6	-	-
Tuberculous Meningitis	29	17	12	6	11	5	3	3	1	-	-	-	-	-	-
Tuberculosis of Intestines and Peritoneum	21	12	9	2	7	2	1	4	2	-	1	2	-	-	-
Other Tuberculous Disease	21	9	12	1	3	2	3	3	3	3	2	1	-	-	-
Malignant Tumours	*261	112	149	1	1	-	-	1	6	22	41	72	74	38	4
Rheumatic Fever	11	5	6	-	1	2	3	2	1	-	2	-	-	-	-
Meningitis (not Cer.-spin. or Tuberc.)	21	12	9	10	5	3	-	-	-	1	1	-	1	-	-
Apoplexy	259	107	152	-	-	-	-	-	1	1	23	57	103	60	14
Heart Disease	366	179	187	-	-	4	3	13	9	22	44	67	107	74	23
Diseases of Arteries	48	28	20	-	-	-	-	-	2	-	4	7	7	19	9
Bronchitis	264	126	138	40	7	2	-	1	4	13	21	37	78	47	14
Pneumonia (all forms)	377	211	166	109	76	6	4	10	8	20	19	50	36	32	7
Other Diseases of Respiratory System	44	27	17	5	1	-	-	2	1	-	7	7	11	5	5
Diarrhœa and Enteritis (under 2 years)	23	8	15	20	3	-	-	-	-	-		-	-	-	-
Appendicitis	10	4	6	-	-	-	4	2	1	-	1	1	1	-	-
All Diseases of Liver (not Malignant)	15	5	10	-	-	-	-	-	1	1	4	3	4	2	-
Nephritis, Acute and Chronic	73	42	31	-	1	-	1	2	6	9	13	22	15	4	-
Puerperal Sepsis	5	-	5	-	-	-	-	1	3	1	-	-	-	-	-
Other Dis. & Accidents of Preg. & Part.	10	-	10	-	-	-	-	1	6	3	-	-	-	-	-
Diseases of Early Infancy and Malform.	182	102	80	181	1	-	-	-	-	-	-	-	-	-	-
Suicide	26	13	7	-	-	-	-	2	3	2	8	3	2	-	-
Other Violent Deaths	84	59	25	12	8	7	3	4	8	5	14	8	4	9	2
Other Defined Diseases	410	212	198	39	12	4	2	15	11	27	58	43	67	100	32
Causes Ill-defined or Unknown	48	30	18	7	3	1	-	-	1	3	11	7	9	6	-
	*3033	1547	1486	482	209	54	35	105	132	187	317	429	549	416	117

* Including 1 of unstated age.

DEATHS IN EACH TOWN (corrected for Transfers) February 1927.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	...	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	16	4	11	...	...	...	...	...	...
Scarlet Fever	8	5	...	...	...	...	1	1	...
Whooping-cough	54	36	...	8	2	...	...	1	...
Diphtheria	33	9	5	11	2	2	2	1	...
Influenza...	122	21	31	14	21	1	4	2	1
Encephalitis Lethargica	4	3	1	...	...	...	...	...	...
Cerebro-spinal Meningitis	6	5	1	...	...	...	...	...	...
Other Epidemic Diseases	10	5	2	2	...	...	...	...	...
Tuberculosis of Respiratory System ...	178	90	37	10	10	2	5	3	2
Tuberculous Meningitis	29	10	5	1	4	1	4	1	...
Tuber. of Intestines and Peritoneum...	21	7	2	...	4	...	...	3	1
Other Tuberculous Disease	21	10	4	2	...	3	...	1	...
Malignant Tumours	261	112	55	26	16	9	7	4	3
Rheumatic Fever	11	7	1	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	21	7	4	1	1	...	6	...	...
Apoplexy	259	103	56	18	24	8	10	7	1
Heart Disease	366	143	71	34	37	17	9	12	1
Diseases of Arteries	48	14	9	5	10	3	...	1	...
Bronchitis	264	120	43	30	21	7	9	5	3
Pneumonia (all forms)	377	150	62	59	42	7	7	2	3
Other Diseases of Respiratory System	44	17	6	3	6	...	2	...	2
Diarrhœa and Enteritis (under 2 years)	23	14	2	3	...	...	...	...	...
Appendicitis	10	7	2	1	...	...	...	...	...
All Diseases of Liver (not Malignant)	15	6	3	2	2	1	...	...	...
Nephritis, Acute and Chronic... ...	73	34	16	3	1	5	...	3	2
Puerperal Sepsis	5	3	1	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	10	4	3	...	1	...	...	...	...
Dis. of Early Infancy and Malformations	182	80	21	22	10	6	9	5	4
Suicide	20	10	3	3	1	1	...	1	...
Other Violent Deaths	84	37	15	9	6	...	4	1	1
Other Defined Diseases...	410	173	57	38	55	12	16	7	6
Causes Ill-defined or Unknown ...	48	23	1	6	3	...	1	3	2
All Causes ...	3033	1269	530	311	279	85	96	64	32
AGE AT DEATH.									
Under 1	482	204	48	72	46	8	21	7	9
1– 4	209	73	29	37	24	3	8	4	3
5– 9	54	26	7	7	5	2	2	1	...
10–14	35	17	5	1	4	1	1	2	...
15–24	105	48	16	8	10	3	6	1	...
25–34	132	61	19	16	9	5	3	3	2
35–44	187	86	41	10	13	5	11	4	2
45–54	317	156	52	25	18	7	16	12	3
55–64	429	185	93	31	22	12	6	18	3
65–74	549	237	104	55	48	21	7	8	7
75–84	416	139	90	38	64	13	11	2	2
85 and over	117	36	26	11	16	5	4	2	1
All Ages ...	*3033	*1269	530	311	279	85	96	64	32

* Including 1 of unstated age.

DEATHS IN EACH TOWN (corrected for Transfers)—February 1927—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	1	...	...	...	...	...	...
Scarlet Fever	...	1	...	...	...	...	...	...
Whooping-cough	...	1	...	1	...	4	...	1
Diphtheria	1	...	...	...	...	...	...	...
Influenza...	2	3	...	4	13	...	1	4
Encephalitis Lethargica	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	1	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	1	2	6	3	2	3	1	1
Tuberculous Meningitis	1	...	...	2	...	...	...	...
Tuber. of Intestines and Peritoneum ...	2	...	...	...	...	...	...	2
Other Tuberculous Disease	...	...	...	...	...	...	1	...
Malignant Tumours	6	6	3	2	5	2	1	4
Rheumatic Fever	...	1	...	...	...	...	...	2
Meningitis (not Cerebro-spinal or Tuber.)	1	...	...	1	...	...	...	...
Apoplexy...	2	4	6	3	10	4	1	2
Heart Disease	2	2	6	7	4	7	6	8
Diseases of Arteries	1	...	2	...	...	1	...	2
Bronchitis	...	2	4	3	6	1	5	5
Pneumonia (all forms)	9	4	4	5	7	6	5	5
Other Diseases of Respiratory System	...	1	1	1	...	2	2	1
Diarrhœa and Entiritis (under 2 years)	2	...	...	...	1	...	1	...
Appendicitis	...	...	...	...	...	...	...	...
All Diseases of Liver (not Malignant)	...	...	...	...	...	1	...	...
Nephritis, Acute and Chronic	1	2	1	...	2	...	...	3
Puerperal Sepsis	...	...	...	...	...	...	...	1
Other Diseases and Accidents of Pregnancy and Parturition	1	1	...	...	...	...	...	...
Dis. of Early Infancy and Malformations	6	1	4	3	5	1	4	1
Suicide	...	...	...	...	...	...	...	1
Other Violent Deaths	2	1	1	...	4	...	2	1
Other Defined Diseases...	6	7	11	5	3	4	6	4
Causes Ill-defined or Unknown ...	1	3	1	1	...	1	1	1
All Causes ...	47	44	50	41	62	37	37	49
AGE AT DEATH.								
Under 1	14	4	6	8	13	6	11	5
1– 4	4	4	2	7	4	6	1	...
5– 9	...	2	1	...	...	...	1	...
10–14	1	...	...	...	...	...	...	3
15–24	2	2	2	2	2	2	...	1
25–34	2	2	3	2	...	1	1	3
35–44	1	1	2	2	2	3	2	2
45–54	2	2	10	3	7	...	2	2
55–64	7	7	6	9	11	6	7	6
65–74	9	5	6	5	13	5	4	15
75–84	3	12	9	3	10	5	7	8
85 and over	2	3	3	...	...	3	1	4
All Ages ...	47	44	50	41	62	37	37	49

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth, During the Month of February 1927.

OBSERVERS.	Height of Barometer above Sea-level.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Station-level and 32°.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A.)	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	AIR TEMPERATURE. Absolute Maximum and Minimum. Day of Month.	AIR TEMPERATURE. Absolute Maximum and Minimum. Minimum.	AIR TEMPERATURE. Absolute Maximum and Minimum. Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Depression of Wet Bulb.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Vapour Pressure.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	RAIN, AND OTHER FORMS OF PRECIPITATION. Total Fall.	RAIN, AND OTHER FORMS OF PRECIPITATION. Difference from Average.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°			°	inch.	per cent.		inch.	inch.								
GLASGOW, Professor J. R. Currie, M.D., The University.	139	29·787	29·944	45·6	35·9	40·7	+1·6	51	7th	24	13th	39·8	1·6	·213	86	17	2·40	−0·48	0	0	14	8	4	8	10	0	12
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·456	29·946	45·0	35·5	40·3	+2·0	52	26th	25	11th	39·4	1·6	·203	85	15	1·05	−0·54	0	0	2	5	5	10	12	3	19
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·737	29·921	43·5	34·3	38·9	+1·4	52	16, 20	24	11, 12	38·2	0·8	·213	92	17	1·31	−0·57	0	4	0	9	0	37	0	6	0
ABERDEEN,* The Meterological Office.	90	29·809	29·911	44·7	36 6	40·7	+2·4	54	16th	26	12th	39·5	1·3	·210	88	17	1·83	−0·22	0	0	4	6	19	9	8	5	5
PAISLEY, The Coats Observatory.	107	29·820	29·941	45·7	36·3	41·0	+1·4	53	26th	25	2, 12, 13	40·8	1·3	·230	89	17	2·73	−0·78	0	3	7	8	9	9	11	3	6
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	233	29·679	29·942	44·7	36 5	40·6	+2·0	49	3, 7, 26	27	2nd	39·4	1·3	·210	88	16	4·25	−1·37	1	1	16	6	4	12	16	0	0
PERTH,† J. Ritchie, The Museum.	22	29·908	29·933	45 5	32·5	39 0	+1 4	55	16th	20	13th	37·7	0·7	·213	93	16	1·31	−0·96	0	0	3	13	6	29	2	3	0
Means . .	171	29·742	29·934	44·9	35·4	40·1	+1·7	..	..	..	..	39·3	1·2	·213	89	16	2·13	−0·70	0	1	7	8	7	16	8	3	6

North Latitude.—Glasgow, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley, 55° 51′; Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Glasgow, 4° 17′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 36′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

MARCH 1927.

Published by Authority of the Registrar-General.

REPORT

During the month of March 1927 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4678 living children, of whom 2391 were males, and 2287 were females. Compared with the number registered in the previous month, that of males is 370 more, and that of females 350 more, the total children registered numbering 720 more than in that month. The monthly birth-rate in these towns taken collectively was 23·0 per thousand, which rate is 1·5 more than in the previous month, but 0·4 less than the average for March.

In the individual towns the monthly birth-rate averaged 22·9, and ranged from 27·9 in Hamilton, 26·5 in Coatbridge, and 24·8 in Perth, to 19·6 in Kilmarnock 19·9 in Dunfermline, and 20·2 in Clydebank and in Kirkcaldy. In Greenock it was 24·4, in Dundee and in Ayr 24·1, in Aberdeen 24·0, in Glasgow 23·7, in Paisley 23·5, in Falkirk 22·9, in Edinburgh 20·5, and in Motherwell and Wishaw 20·3.

Of the 4678 children whose births were registered during the month, 4401, or 94·1 per cent., were legitimate, while 277, or 5·9 per cent., were illegitimate. Legitimate children registered during the month numbered 698 more, and illegitimate children 22 more than in the previous month. The illegitimate rate for the month is 0·5 less than in the previous month. In the individual towns the illegitimate rate averaged 5·6, and ranged from 13·9 in Kirkcaldy, 8·6 in Perth and 8·3 in Dundee, to 1·6 in Dunfermline, 2·5 in Clydebank, and 3·2 in Hamilton.

Marriages registered in these towns during the month numbered 1239, and equalled a marriage-rate of 6·1 per thousand. This number is 88 more than in the previous month. This rate is 0·2 less than in the previous month, and 0·3 less than the average for March. In the individual towns the monthly marriage-rate averaged 4·9 per thousand and ranged from 7·0 in Glasgow, 6·8 in Edinburgh, and 6·5 in Hamilton, to 2·8 in Kirkcaldy, and 3·0 in Motherwell and Wishaw and in Clydebank. In Dundee this rate was 4·1 and in Aberdeen 6·4.

Deaths registered in these towns during the month numbered 3648, of which 1862 were of males, and 1786 of females. Deducting the deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number of deaths for the month is found to be

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the three preceding years.

3427. The corrected number includes the deaths of 1716 males and 1711 females. It is 394 more than in the previous month.

The monthly death-rate in the Sixteen Towns taken collectively and based on the corrected number of deaths was 16·8 per thousand. This rate is 0·3 above that of the previous month, but is 2·1 below the average for March. The death-rates in the individual towns averaged 17·6, and ranged from 25·8 in Dundee, 22·8 in Ayr, 19·5 in Perth, and 19·2 in Dunfermline, to 12·1 in Clydebank, 13·4 in Motherwell and Wishaw, and 15·0 in Glasgow and in Paisley. In Kilmarnock it was 18·9, in Edinburgh 18·7, in Kirkcaldy 17·9, in Hamilton and in Falkirk 16·7, in Greenock 16·5, in Aberdeen 16·4, and in Coatbridge 16·3.

Deaths of children of less than one year old numbered 495, and equalled an infantile mortality rate of 112 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths numbered 13 more than in the previous month, but the death-rate is 8 less than in the previous month, and 25 less than the average for March. In the individual towns the infantile mortality rate for the month averaged 110, and ranged from 188 in Ayr, 186 in Dundee, and 155 in Hamilton, to 18 in Perth, 43 in Paisley, 88 in Edinburgh, and 89 in Motherwell and Wishaw. In Aberdeen it was 131, in Dunfermline 123, in Glasgow 112, in Falkirk 111, in Greenock and in Coatbridge 110, in Clydebank 105, in Kirkcaldy 99, and in Kilmarnock 92.

Deaths from the principal epidemic diseases numbered 176, and equalled a death-rate of 0·9 per thousand. These deaths collectively number 42 more than in the previous month, but 168 fewer than the average for March. They include 22 from measles, 7 from scarlet fever, 79 from whooping-cough, 26 from diphtheria, and 42 from the diarrhœas of childhood. Compared with the deaths in the previous month, those from whooping-cough are 25 more, from the diarrhœas of childhood 19 more, and from measles 6 more, but those from scarlet fever are 1 fewer, and those from diphtheria 7 fewer. This is the third consecutive month in which no death has been registered as due to enteric fever.

Deaths from influenza numbered 224, of which 107 were of males and 117 of females. Of them 24 were of children of less than 5 years old, 85 were of persons aged from 5 to 65, and 115 were of persons aged 65 and over. During the past few months these deaths have shown a steady increase, numbering 20 in October of last year, 35 in November, 42 in December, 74 in January, 122 in February, and 224 in March. Since 1919 the number of deaths from influenza registered in March has exceeded 100 in only two years, viz., in 1921 when the number was 147, and in 1924 when the number was 327.

Deaths from respiratory diseases other than phthisis, but exclusive of those associated with influenza, numbered 781, and are 96 more than in the previous month. These deaths equal a death-rate of 3·8 per thousand, being 0·1 above that of the previous month, but 0·8 below the average for March.

Deaths from all forms of tuberculous disease numbered 256, of which 178 were attributed to tuberculosis of the respiratory system. The former number is 7 more than in the previous month, but is 45 less than the average for March. The latter number is the same as in the previous month, but is 41 less than the average for March.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

MARCH 1927.

Mean barometric pressure, 29·582 in.; less than the average of 1881-1915 by 0·219 in.

Mean temperature, 43°·8; greater by 3°·5.

Mean daily range of temperature, 11°·0; less by 0°·6.

Rain, depth in inches, 2·72; less by 0·07 in.

Wind, direction of; a 7 days' excess of winds from a southerly quarter.

During the first ten days depressions were frequently centred over or near the British Isles; between 11th and 13th an anticyclone drifted from the Atlantic to Scandinavia; and thereafter further Atlantic depressions developed, though these hardly influenced eastern districts until 22nd. On 25th and 26th a deep "low" moved from Ireland across Scotland and conditions were very unsettled. The mean pressure was the lowest recorded in March since 1912, and at Edinburgh, at mean sea-level, the extremes were 30·41 in. on 12th and 28·67 in. on 25th.

Ground frost occurred at times, and there was a brief incursion of cold air from the north around 14th; but much mild weather was experienced and for two or three days around 20th temperature was exceptionally high for the time of year. The month on the whole was the mildest March in Scotland since 1893. The extremes were 65° at Smeaton and 64° at North Berwick on 21st, and 18° at Balmoral on 13th.

In most northern districts rainfall aggregates were decidedly below the normal; but towards the south the distribution was irregular, areas of excess alternating with areas of deficiency. In South Ayrshire the excess was considerable. Conditions were rather unsettled early in the month, with some moderately heavy falls in the west,—at Arrochar 1·10 in. on 3rd, but on 10th a fine spell set in and this was hardly broken in eastern districts until 22nd. In the west, on the other hand, rain was general on 15th; heavy from 18th to 20th; and frequent until 30th. In nearly all districts the period from 22nd to 27th was unsettled, with some fairly heavy falls on 22nd, 25th and 27th.

Wind force was comparatively moderate; but high from 25th to 27th. Snow fell on high ground in some districts on two or three days, more particularly on 11th and 25th, but there were no general falls.

Thunder occurred sporadically on 22nd or 23rd; in Shetland on 25th; and in some central and eastern districts on 26th.

In some districts sunshine aggregates differed little from the normal; but Stornoway had an appreciable excess and Aberdeen an appreciable deficiency.

Aurora was frequently observed at some points towards the north,—in Shetland on as many as 11 days.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 24.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, March 1927.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		
	Census 1921.	Estimated to middle of 1927.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW, . .	1,051,518	1,049,000	1057	1058	2115	1992	123	627	753	662	1415	127	47	1335
EDINBURGH, .	420,264	426,100	371	371	742	696	46	247	362	382	744	89	20	675
DUNDEE, . .	168,315	170,800	179	170	349	320	29	59	186	204	390	22	6	374
ABERDEEN . .	158,963	158,300	159	164	323	302	21	86	117	118	235	38	24	221
PAISLEY, . .	84,837	86,200	95	77	172	166	6	34	59	57	116	11	5	110
GREENOCK, . .	81,123	81,900	88	82	170	160	10	28	60	58	118	5	2	115
MOTHERWELL AND WISHAW, .	68,869	71,200	71	52	123	119	4	18	43	30	73	1	9	81
CLYDEBANK, .	46,601	46,700	46	34	80	78	2	12	20	21	41	2	9	48
COATBRIDGE, .	43,919	44,000	48	51	99	94	5	13	41	25	66	6	1	61
DUNFERMLINE, .	39,899	36,200	34	27	61	60	1	17	31	32	63	6	2	59
KIRKCALDY, .	39,591	42,000	43	29	72	62	10	10	20	43	63	2	3	64
HAMILTON, . .	39,504	40,100	50	45	95	92	3	22	33	20	53	2	6	57
KILMARNOCK, .	35,911	37,300	37	25	62	59	3	19	38	30	68	11	3	60
AYR, . . .	35,763	38,200	42	36	78	74	4	16	43	52	95	25	4	74
FALKIRK, . .	33,308	34,500	33	34	67	63	4	13	30	23	53	7	3	49
PERTH, . . .	33,208	33,200	38	32	70	64	6	18	26	29	55	11	0	44
Total . . (Sixteen Towns)	2,381,593	2,395,700	2391	2287	4678	4401	277	1239	1862	1786	3648	365	144	3427

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, March 1927.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW, .	23·7	5·8	7·0	15 9	15·0	1·1	1·3	0·9	3·2	230	112
EDINBURGH, .	20·5	6·2	6·8	20·6	18·7	0·6	1·1	0 8	4·0	59	88
DUNDEE, . .	24·1	8 3	4 1	26·9	25·8	1·4	1·4	1·0	8 3	58	186
ABERDEEN, .	24·0	6·5	6·4	17·5	16 4	0·6	1 1	0·7	2·9	37	131
PAISLEY, . .	23·5	3·5	4·6	15·8	15·0	0 5	1·2	0·8	3·1	7	43
GREENOCK, .	24·4	5·9	4 0	17·0	16·5	0·3	2·3	1·6	4·2	18	110
MOTHERWELL AND WISHAW,	20·3	3·3	3·0	12·1	13·4	0 5	1·0	0·5	3·5	12	89
CLYDEBANK, .	20·2	2·5	3·0	10 3	12·1	0·8	0·8	0·5	2 3	9	105
COATBRIDGE, .	26·5	5·1	3·5	17·6	16·3	0 8	1 3	1·1	4·0	11	110
DUNFERMLINE,	19·9	1 6	5·5	20·5	19·2	0 7	1 0	0·7	4·2	8	123
KIRKCALDY, .	20·2	13·9	2·8	17·7	17·9	0·0	1·1	0·8	4·2	7	99
HAMILTON, .	27·9	3 2	6·5	15·6	16·7	0·6	1·2	0·9	4·7	13	155
KILMARNOCK,	19 6	4·8	6·0	21·5	18·9	0·3	1·6	1·3	2·5	6	92
AYR, . . .	24·1	5·1	4·9	29·3	22·8	1·9	0·6	0·6	7 1	12	188
FALKIRK, . .	22·9	6·0	4·4	18·1	16 7	0·0	2 0	1·0	3·4	7	111
PERTH, . .	24·8	8·6	6·4	15·6	19 5	0·4	0·7	0 7	1·4	1	18
Total . . (Sixteen Towns)	23·0	5·9	6·1	17·9	16·8	0·9	1·3	0·9	3·8	495	112

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR MARCH 1927, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. Seven Towns only).
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
MAR. 1927, .	**23·0**	**5·9**	**6·1**	**16·8**	**0**	**0**	**22**	**7**	**79**	**26**	**42**	**112**	**43°·8**
MAR. 1926, .	24·3	5·4	6·0	17·4	0	0	158	30	42	41	35	119	43°·0
MAR. 1925, .	22·5	6·4	6·3	15·2	2	0	37	30	147	50	29	108	41°·1
MAR. 1924, .	23·4	6·5	6·6	23·3	1	0	166	18	196	21	30	173	37°·7
MAR. 1923, .	24·8	6·8	6·2	14·6	0	0	57	18	69	31	28	94	42°·7
MAR. 1922, .	27·6	6 9	6·5	17·1	2	0	316	9	77	22	45	125	40°·6
MAR. 1921, .	27·0	7·6	9 2	17 9	4	0	29	17	205	39	52	114	42°·6
MAR. 1920 .	35·7	7 2	10·7	18·7	8	3	94	15	30	41	52	146	42°·7
MAR. 1919, .	18·8	10·3	8·9	27·0	5	0	59	8	225	89	37	187	36°·2
MAR. 1918, .	19·3	8·1	7·9	14·6	5	0	63	4	96	27	30	101	41°·4
MAR. 1917, .	21·8	7·9	6·0	17 8	3	0	88	7	181	38	44	131	37°·4

Figures in columns 5-13 have been corrected for non-resident deaths.

* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—March 1927.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over
Enteric Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	22	14	8	6	14	–	–	1	–	–	–	–	1	–	–
Scarlet Fever	7	4	3	2	3	1	–	1	–	–	–	–	–	–	–
Whooping-cough	79	31	48	42	33	4	–	–	–	–	–	–	–	–	–
Diphtheria	26	7	19	1	16	5	2	1	–	–	–	–	1	–	–
Influenza	224	107	117	11	13	7	1	3	9	16	23	26	45	59	11
Encephalitis Lethargica	7	3	4	–	1	1	–	–	3	–	1	1	–	–	–
Cerebro-spinal Meningitis	14	7	7	10	3	–	–	1	–	–	–	–	–	–	–
Other Epidemic Diseases	13	8	5	2	1	–	–	1	–	–	3	2	3	1	–
Tuberculosis of Respiratory System	178	91	87	1	5	1	6	44	30	38	29	18	6	–	–
Tuberculous Meningitis	30	17	13	9	10	3	3	1	–	1	3	–	–	–	–
Tuberculosis of Intestines and Peritoneum	17	11	6	3	5	–	1	4	1	2	1	–	–	–	–
Other Tuberculous Disease	31	21	10	2	5	2	1	7	3	2	3	2	4	–	–
Malignant Tumours	279	107	172	1	1	2	–	1	8	16	46	87	82	32	3
Rheumatic Fever	11	4	7	–	1	2	2	1	3	–	2	–	–	–	–
Meningitis (not Cer.-spin. or Tuberc.)	21	10	11	8	7	3	1	1	–	1	–	–	–	–	–
Apoplexy	257	114	143	–	–	–	–	1	–	6	22	63	98	58	9
Heart Disease	379	188	191	–	–	1	4	3	12	22	56	63	133	71	14
Diseases of Arteries	57	27	30	–	–	–	–	–	–	1	2	8	12	22	12
Bronchitis	288	138	150	27	12	1	–	1	3	9	18	38	80	77	22
Pneumonia (all forms)	450	245	205	117	106	6	6	11	22	36	25	45	36	33	7
Other Diseases of Respiratory System	43	24	19	7	1	–	1	2	1	4	5	5	5	9	3
Diarrhœa and Enteritis (under 2 years)	42	26	16	39	3	–	–	–	–	–	–	–	–	–	–
Appendicitis	19	14	5	–	1	2	6	2	1	2	3	1	1	–	–
All Diseases of Liver (not Malignant)	25	12	13	–	1	–	–	–	–	1	6	6	8	2	1
Nephritis, Acute and Chronic	97	46	51	1	–	–	1	5	3	9	14	29	22	11	2
Puerperal Sepsis	9	–	9	–	–	–	–	2	5	2	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	17	–	17	–	–	–	–	3	7	7	–	–	–	–	–
Diseases of Early Infancy and Malform.	160	91	69	156	3	1	–	–	–	–	–	–	–	–	–
Suicide	26	19	7	–	–	–	–	1	1	6	9	6	3	–	–
Other Violent Deaths	88	63	25	4	15	3	1	9	8	4	16	10	10	7	1
Other Defined Diseases	468	237	231	42	18	10	4	14	15	38	40	50	72	118	47
Causes Ill-defined or Unknown	43	30	13	4	1	1	–	1	–	2	8	9	13	3	1
	3427	1716	1711	495	279	56	40	122	135	225	335	469	635	503	133

DEATHS IN EACH TOWN (corrected for Transfers) March 1927.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	...	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	22	4	16	1	...	...	1	...	...
Scarlet Fever	7	5	...	1	...	...	...	...	...
Whooping-cough	79	57	1	9	1	...	...	1	1
Diphtheria	26	11	4	4	2	3	...	...	1
Influenza	224	36	71	27	9	5	4	8	...
Encephalitis Lethargica	7	4	1	1	...	...	1	...	...
Cerebro-spinal Meningitis	14	11	3	...	...	...	...	...	...
Other Epidemic Diseases	13	6	5	...	2	...	...	...	...
Tuberculosis of Respiratory System ...	178	81	29	14	9	6	11	3	2
Tuberculous Meningitis	30	19	4	...	2	...	...	2	1
Tuber. of Intestines and Peritoneum ...	17	6	2	1	1	1	3	...	...
Other Tuberculous Disease	31	9	6	5	3	2	2	1	...
Malignant Tumours	279	105	60	24	22	10	11	6	5
Rheumatic Fever	11	8	2	...	...	...	...	1	...
Meningitis (not Cerebro-spinal or Tuber.)	21	8	4	1	1	...	4	1	1
Apoplexy	257	107	54	22	22	6	9	3	3
Heart Disease	379	142	82	44	19	22	11	9	5
Diseases of Arteries	57	13	16	9	8	1	1	...	...
Bronchitis	288	109	52	45	17	8	12	7	2
Pneumonia (all forms)	450	170	82	70	19	14	16	14	6
Other Diseases of Respiratory System	43	10	12	6	3	1	1	...	1
Diarrhœa and Enteritis (under 2 years)	42	22	1	5	5	1	1	2	1
Appendicitis	19	3	5	2	3	2	...	1	...
All Diseases of Liver (not Malignant)	25	6	9	2	3	...	...	...	...
Nephritis, Acute and Chronic	97	40	19	6	8	2	1	4	1
Puerperal Sepsis	9	3	...	3	1	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	17	9	2	2	...	1	...	...	...
Dis. of Early Infancy and Malformations	160	69	17	19	15	2	8	5	4
Suicide	26	11	7	...	4	...	1	...	...
Other Violent Deaths	88	43	10	10	6	5	2	3	3
Other Defined Diseases	468	185	99	38	34	17	15	8	10
Causes Ill-defined or Unknown ...	43	23	...	3	2	1	...	2	1
All Causes ...	3427	1335	675	374	221	110	115	81	48
AGE AT DEATH.									
Under 1	495	230	59	58	37	7	18	12	9
1– 4	279	110	48	38	10	12	10	11	6
5– 9	56	28	8	6	2	...	2	2	...
10–14	40	15	6	3	6	2	2	2	2
15–24	122	48	23	16	6	7	8	3	2
25–34	135	55	30	12	8	5	7	4	...
35–44	225	107	33	24	7	10	6	7	4
45–54	335	136	70	30	19	9	17	7	4
55–64	469	176	94	38	29	17	14	8	9
65–74	635	233	140	70	46	24	15	19	5
75–84	503	164	124	62	41	14	14	4	6
85 and over	133	33	40	17	10	3	2	2	1
All Ages ...	3427	1335	675	374	221	110	115	81	48

DEATHS IN EACH TOWN (corrected for Transfers)—**March 1927**—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...
Scarlet Fever	1	...	...	...	...	...	...	...
Whooping-cough	2	...	...	1	...	5	...	1
Diphtheria	...	...	...	...	...	1	...	...
Influenza...	2	19	12	8	12	2	3	6
Encephalitis Lethargica	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	4	2	3	3	4	2	3	2
Tuberculous Meningitis	1	...	...	...	...	...	1	...
Tuber. of Intestines and Peritoneum ...	...	1	...	1	...	...	1	...
Other Tuberculous Disease	...	...	1	...	1	...	1	...
Malignant Tumours	4	2	7	5	3	8	3	4
Rheumatic Fever	...	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	...	...	...	...	...	...	1	...
Apoplexy...	4	4	4	2	7	5	4	1
Heart Disease	5	5	3	5	6	12	4	5
Diseases of Arteries	...	1	3	...	1	...	...	4
Bronchitis	5	6	6	4	2	8	4	1
Pneumonia (all forms)	9	4	8	12	5	14	4	3
Other Diseases of Respiratory System	1	3	1	...	1	1	2	...
Diarrhœa and Entiritis (under 2 years)	...	2	...	1	1	...	...	...
Appendicitis	...	...	2	...	...	1	...	...
All Diseases of Liver (not Malignant)	3	...	...	...	1	1	...	...
Nephritis, Acute and Chronic	3	3	1	...	2	1	2	4
Puerperal Sepsis	...	...	...	...	...	...	2	...
Other Diseases and Accidents of Pregnancy and Parturition	...	...	1	1	...	...	...	1
Dis. of Early Infancy and Malformations	6	1	2	5	2	3	2	...
Suicide	...	...	1	...	...	...	1	1
Other Violent Deaths	...	...	...	2	1	...	2	1
Other Defined Diseases...	10	5	9	7	8	7	8	8
Causes Ill-defined or Unknown ...	1	1	...	...	3	3	1	2
All Causes ...	61	59	64	57	60	74	49	44
AGE AT DEATH.								
Under 1	11	8	7	13	6	12	7	1
1– 4	6	2	1	7	4	9	3	2
5– 9	...	1	1	3	1	2	...	...
10–14	...	...	...	...	1	...	1	...
15–24	3	1	1	1	3	...	...	...
25–34	...	2	2	4	1	...	3	2
35–44	4	2	5	2	1	3	4	6
45–54	5	5	3	6	6	8	5	5
55–64	12	9	10	10	14	11	9	9
65–74	13	9	14	3	11	16	11	6
75–84	6	14	14	4	11	11	4	10
85 and over	1	6	6	4	1	2	2	3
All Ages ...	61	59	64	57	60	74	49	44

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth, During the Month of March 1927.

OBSERVERS.	Height of Barometer above Sea-level.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Station-level and 32°.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A.)	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°			°	inch.	per cent.		inch.	inch.									
GLASGOW, Professor J. R. Currie, M.D., The University.	139	29·419	29·574	49·8	38·9	44·3	+3·7	62	21st	31	13th	43·3	2·4	·223	79	19	2·75	+0·08	0	2	12	8	6	12	10	4	8
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·125	29·606	48·5	38·6	43·5	+3·6	61	21st	31	15th	42·5	2·5	·220	79	19	1·59	−0·20	0	0	2	9	13	8	14	9	7
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·397	29·580	48·8	37·1	42·9	+3·1	55	21st	31	27th	41·8	1·3	·240	89	16	2·41	+0·35	0	1	0	26	0	28	0	7	0
ABERDEEN,* The Meterological Office.	90	29·464	29·566	48·4	38·9	43·7	+3·6	62	19th	30	13th	42·2	1·5	·233	87	16	2·04	−0·37	0	1	4	7	14	10	9	11	6
PAISLEY, The Coats Observatory.	107	29·466	29·586	50·6	38·5	44·5	+2·7	62	21st	29	13th	44·3	2·4	·233	80	20	3·13	−0·05	1	2	6	11	11	9	13	5	4
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	233	29·325	29·585	48·4	39·1	43·7	+3·6	59	21st	33	7, 12, 14, 15	42·4	2·1	·220	82	23	4·76	−0·17	0	2	17	3	8	8	20	3	1
PERTH,† J. Ritchie, The Museum.	22	29·554	29·579	50·9	37·0	43·9	+3·8	61	21st	29	7th	43·5	2·0	·230	83	18	2·39	−0·10	2	2	0	20	0	29	0	9	0
Means . .	171	29·393	29·582	49·3	38·3	43·8	+3·5	..	..	..	..	42·9	2·0	·228	83	19	2·72	−0·07	1	1	6	12	7	15	9	7	4

North Latitude.—Glasgow, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley, 55° 51′; Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Glasgow, 4° 17′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 36′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

APRIL 1927.

Published by Authority of the Registrar-General.

REPORT

During the month of April 1927 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4365 living children, of whom 2194 were males, and 2171 were females. Compared with the number registered in the previous month, that of males is 197 less and that of females 116 less, the total children registered numbering 313 fewer than in that month. The monthly birth-rate in these towns taken collectively was 22·2 per thousand, which rate is 0·8 less than that of the previous month, and is 2·1 less than the average for April.

In the individual towns the monthly birth-rate averaged 22·6, and varied from 34·0 in Coatbridge, 26·4 in Kilmarnock, 25·5 in Hamilton, and 25·0 in Motherwell and Wishaw, to 15·9 in Kirkcaldy, 16·9 in Edinburgh, 17·9 in Ayr, and 19·5 in Dunfermline. In Glasgow the monthly birth-rate was 24·0, in Greenock 23·9, in Falkirk 23·7, in Clydebank 23·2, in Paisley 23·1, in Aberdeen 21·3, in Perth 20·9, and in Dundee 20·3.

Of the 4365 children whose births were registered during the month, 4122, or 94·4 per cent., were legitimate, while 243, or 5·6 per cent., were illegitimate. The legitimate children of the month numbered 279 fewer than in the previous month, and the illegitimate children numbered 34 fewer. The illegitimate rate for the month is 0·3 less than in the previous month. In the individual towns the illegitimate rate varied from 9·0 per cent. in Aberdeen, 8·8 in Perth, 7·3 in Kirkcaldy, and 7·1 in Hamilton, to 0·0 in Greenock, 1·6 in Coatbridge, 2·7 in Motherwell and Wishaw and 3·0 in Falkirk.

Marriages registered in these towns during the month numbered 1606, and equalled a marriage-rate of 8·2 per thousand. This number is 367 more than that of the previous month, but this rate, while being 2·1 more than that of the previous month, is 0·7 less than the April average. In the individual towns the monthly marriage-rate varied from 9·9 per thousand in Perth, 9·7 in Dundee, 8·9 in Glasgow, and 8·7 in Edinburgh, to 4·3 in Greenock, 4·7 in Coatbridge and 4·9 in Kirkcaldy.

Deaths registered in these towns during the month numbered 3050, of which 1580 were of males and 1470 of females. Deducting the deaths of persons with usual residence in Scotland but outwith the town of registration, and adding

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the three preceding years.

those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number of deaths for the month is found to be 2872. The corrected number includes the deaths of 1484 males and 1388 females, and is 555 less than that of the previous month.

The monthly death-rate in the Sixteen Towns taken collectively and based on the corrected number of deaths was 14·6 per thousand. This rate is 2·2 less than that of the previous month, and is 3·0 less than the April average. The death-rates in the individual towns averaged 13·3, and varied from 17·1 in Coatbridge, 16·1 in Perth, 15·8 in Glasgow, and 15·5 in Falkirk, to 9·8 in Dunfermline, 10·4 in Clydebank, 11·3 in Motherwell and Wishaw, and 11·5 in Hamilton and in Ayr. In Dundee this rate was 15·0, in Edinburgh 14·2, in Greenock 14·1, in Aberdeen 13·2, in Paisley 13·1, in Kirkcaldy 12·7, and in Kilmarnock 11·7.

Deaths of children of less than one year old numbered 428, and equalled an infantile mortality rate of 101 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths numbered 67 fewer than in the previous month, and the death-rate is 11 less than in the previous month, and 19 less than the April average. In the individual towns the infantile mortality rate for the month averaged 87, and ranged from 153 per thousand births in Coatbridge, 130 in Dundee and 115 in Paisley, to 45 in Kirkcaldy, and 48 in Dunfermline, in Kilmarnock and in Ayr. In Glasgow this rate was 104, in Edinburgh 106, and in Aberdeen 100.

Deaths from the principal epidemic diseases numbered 137, and equalled a death-rate of 0·7 per thousand. These deaths collectively number 39 fewer than in the previous month, and 170 fewer than the April average. They include 2 from enteric fever, 19 from measles, 6 from scarlet fever, 63 from whooping-cough, 15 from diphtheria, and 32 from the diarrhœas of childhood. Compared with the deaths in the previous month, those from whooping-cough are 16 fewer, from diphtheria 11 fewer, from the diarrhœas of childhood 10 fewer, from measles 3 fewer, and from scarlet fever 1 fewer, but those from enteric fever are 2 more.

Deaths from influenza numbered 53, which number is 171 less than in the previous month, and is the smallest number in any month since December of last year.

Deaths from respiratory diseases other than phthisis, but exclusive of those associated with influenza, numbered 578, and are 203 fewer than in the previous month. These deaths equal a death-rate of 2·9 per thousand, which rate is 0·9 less than that of the previous month and 0·8 less than the April average.

Deaths from all forms of tuberculous disease numbered 270, of which 197 were attributed to tuberculosis of the respiratory system. The former number is 14 more than that of the previous month, but is 36 less than the April average. The latter number is 19 more than that of the previous month, but is 21 less than the April average.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

APRIL 1927.

Mean barometric pressure, 29·795 in.; less than the average of 1881-1915 by 0·095 in.

Mean temperature, 44°·4; less by 0°·1.

Mean daily range of temperature, 12°·9; less by 1°·1.

Rain, depth in inches, 2·09; less by 0·02 in.

Wind, direction of; a 4 days' excess of winds from N.W.

During the early part of the month various depressions crossed the British Isles; but, later, an anticyclone, centred off Ireland, influenced to some extent conditions in Scotland. On 22nd a depression moved north-eastwards to Scandinavia, north-westerly to northerly winds developed in its rear, and, with pressure as a rule high over Iceland, a wintry type of weather was maintained until the end of the month. At Edinburgh, at mean sea-level, the extremes were 30·25 in. on 12th and 29·22 in. on 25th.

On the whole temperature was above the normal during the first half of the month, though there were occasional touches of cold, and on 17th or 18th a brief warm spell developed with temperature for a few days decidedly high for the time of the year (66° at Aberdeen on 17th). Extremely cold conditions during the last week were in striking contrast, and at Edinburgh the mean temperature of the week was that appropriate to the early part of January in a normal year. The lowest readings in screen reported were 17° at Balmoral on 29th and 19° at Eskdalemuir on 28th.

In some eastern and southern districts rainfall aggregates were appreciably below the normal; but over the greater part of Scotland there was an excess, and towards the north-west this was very large. West Inverness-shire had fully twice, and part of Sutherlandshire fully thrice, the average. Unsettled conditions prevailed early in the month; around 13th fairly heavy falls were general (1·95 in. at Ardgour); and between 18th and 21st heavy falls occurred towards north-west and north, with a 4 days' aggregate of about 7½ in. at Kinlochquoich. During the last week precipitation consisted largely of snow and was more important in eastern than in western districts.

Some stormy weather was experienced towards the end of the month, notably towards the north, with wind force highest on 27th. Snow occurred in some districts between 8th and 11th, and rather widely, though chiefly in east and north, on various days during the last week. In Shetland and some northern districts, including Morayshire, conditions between 25th and 27th amounted to a "blizzard," and the storm appears to have been one of the worst on record. A sudden snowfall on the evening of 30th in the Lothians and elsewhere was notable. At Lairg on 30th snow lay to a depth of 7 in.

Thunder occurred towards north-east on 1st; here and there in south on 5th, with very heavy hail in south Ayrshire; in some eastern districts on 6th or 7th; at one or two points in west on 18th and 22nd; and in some eastern districts on evening of 30th.

Sunshine aggregates were above the normal in the east, but deficient towards north-west.

Aurora was observed at Wick on 1st and 2nd; at Stornoway on 7th; at Gordon Castle on 20th; at Inchkeith on 24th and 29th; and "auroral glows" at Lerwick Observatory on 1st, 2nd, 3rd, 4th, 9th, 15th and 22nd.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 32.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, April 1927.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		Total Corrected.
	Census 1921.	Estimated to middle of 1927.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	
GLASGOW, . .	1,051,518	1,049,000	1028	1042	2070	1957	113	763	761	685	1446	124	44	1366
EDINBURGH, .	420,264	426,100	298	294	592	555	37	306	275	293	568	91	20	497
DUNDEE, . .	168,315	170,800	152	133	285	267	18	136	108	113	221	14	3	210
ABERDEEN, . .	158,963	158,300	144	133	277	252	25	102	92	98	190	43	25	172
PAISLEY, . .	84,837	86,200	76	88	164	154	10	53	59	43	102	14	5	93
GREENOCK, . .	81,123	81,900	69	92	161	161	0	29	50	47	97	5	3	95
MOTHERWELL AND WISHAW, .	68,869	71,200	74	72	146	142	4	30	29	28	57	0	9	66
CLYDEBANK, .	46,601	46,700	43	46	89	84	5	22	13	17	30	2	12	40
COATBRIDGE, .	43,919	44,000	76	47	123	121	2	17	36	24	60	1	3	62
DUNFERMLINE, .	39,899	36,200	29	29	58	54	4	21	16	16	32	7	4	29
KIRKCALDY, .	39,591	42,000	30	25	55	51	4	17	19	17	36	3	11	44
HAMILTON, . .	39,504	40,100	40	44	84	78	6	24	19	13	32	0	6	38
KILMARNOCK, .	35,911	37,300	46	35	81	76	5	22	27	13	40	7	3	36
AYR, . . .	35,763	38,200	27	29	56	53	3	20	19	22	41	8	3	36
FALKIRK, . .	33,308	34,500	35	32	67	65	2	17	27	19	46	6	4	44
PERTH, . . .	33,208	33,200	27	30	57	52	5	27	30	22	52	10	2	44
TOTAL . . (SIXTEEN TOWNS)	2,381,593	2,395,700	2194	2171	4365	4122	243	1606	1580	1470	3050	335	157	2872

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, April 1927.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW, .	24·0	5·5	8·9	16·8	15·8	0·9	1·4	1·0	3·6	205	104
EDINBURGH, .	16·9	6·3	8·7	16·2	14·2	0·6	1·7	1·2	1·9	67	106
DUNDEE, . .	20·3	6·3	9·7	15·7	15·0	0 8	1·6	1·2	3·1	39	130
ABERDEEN, .	21·3	9·0	7·8	14·6	13·2	0·5	1·0	0·7	1·1	27	100
PAISLEY, . .	23·1	6·1	7·5	14·4	13·1	0·0	1·3	0·7	2·8	18	115
GREENOCK, .	23·9	0·0	4·3	14·4	14·1	0·4	1·5	1·2	4·5	10	64
MOTHERWELL AND WISHAW,	25·0	2·7	5·1	9·7	11·3	0·7	0·5	0·2	2·9	10	77
CLYDEBANK, .	23·2	5·6	5·7	7·8	10·4	0·8	0·5	0·3	1 8	7	84
COATBRIDGE, .	34·0	1·6	4·7	16·6	17·1	1·7	1 9	1·4	4·4	15	153
DUNFERMLINE,	19·5	6·9	7·1	10·8	9·8	0·3	1·7	1·3	1·0	3	48
KIRKCALDY, .	15·9	7·3	4 9	10·4	12·7	0·3	0·6	0·6	1·2	3	45
HAMILTON, .	25·5	7·1	7·3	9·7	11·5	0·3	1·5	0 9	2·1	7	36
KILMARNOCK,	26·4	6·2	7·2	13·1	11·7	0·0	0 3	0·3	3·6	3	48
AYR, . . .	17·9	5·4	6·4	13·1	11·5	0 6	1·0	1·0	1·6	3	48
FALKIRK, . .	23·7	3·0	6·0	16·2	15·5	0·4	2 5	1·8	3·2	5	82
PERTH, . .	20·9	8·8	9·9	19·0	16·1	0·7	0·7	0·7	4·4	6	107
TOTAL . . (SIXTEEN TOWNS)	22·2	5·6	8·2	15·5	14·6	0·7	1·4	1·0	2·9	428	101

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR APRIL 1927, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. Seven Towns only).
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
APR. 1927, .	**22·2**	**5·6**	**8·2**	**14·6**	**2**	**0**	**19**	**6**	**63**	**15**	**32**	**101**	**44°·4**
APR. 1926, .	24·8	6·0	8·4	19·4	2	0	138	25	59	41	33	123	47°·0
APR. 1925, .	24·0	6·5	9·2	15·0	2	0	30	22	151	19	33	109	43°·5
APR. 1924, .	23·8	6·5	8·8	17·8	1	0	150	21	135	18	41	130	43°·7
APR. 1923, .	26·4	6·2	11·2	14·5	3	0	66	26	81	31	30	92	42°·9
APR. 1922, .	26·2	7·0	9·5	18·1	1	0	505	8	83	27	33	135	41°·0
APR. 1921, .	29·7	6·3	10·6	15·5	1	0	25	16	167	23	44	99	46°·0
APR. 1920, .	34·5	6·9	13·3	19·7	4	6	128	9	37	40	45	148	44°·0
APR. 1919, .	19·7	8·6	13·1	16·5	2	0	88	6	218	24	36	128	44°·7
APR. 1918, .	23·3	7·9	9·6	15·1	4	0	111	8	86	28	38	118	43°·2
APR. 1917, .	23·0	7·8	8·3	18·7	3	0	239	5	244	27	33	140	41°·0

Figures in columns 5-13 have been corrected for non-resident deaths.

* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—April 1927.

CAUSES OF DEATH.	Total.	Males.	Females.	Age. -1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.
Enteric Fever	2	2	–	–	–	–	–	–	1	1	–	–	–	–	–
Typhus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Small-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Measles	19	10	9	7	11	1	–	–	–	–	–	–	–	–	–
Scarlet Fever	6	4	2	–	4	1	1	–	–	–	–	–	–	–	–
Whooping-cough	63	34	29	28	33	2	–	–	–	–	–	–	–	–	–
Diphtheria	15	4	11	1	9	5	–	–	–	–	–	–	–	–	–
Influenza	53	27	26	2	3	1	1	3	3	5	3	6	13	11	2
Encephalitis Lethargica	5	2	3	–	–	–	–	1	1	2	–	1	–	–	–
Cerebro-spinal Meningitis	10	6	4	3	6	1	–	–	–	–	–	–	–	–	–
Other Epidemic Diseases	6	1	5	2	–	–	1	1	–	–	–	1	1	–	–
Tuberculosis of Respiratory System	197	109	88	–	5	3	6	57	39	35	28	15	7	2	–
Tuberculous Meningitis	33	18	15	3	21	1	3	2	2	–	1	–	–	–	–
Tuberculosis of Intestines and Peritoneum	17	9	8	4	5	–	1	1	1	3	1	–	1	–	–
Other Tuberculous Disease	23	11	12	–	2	3	4	6	1	2	1	2	2	–	–
Malignant Tumours	280	135	145	–	1	–	–	3	5	14	51	88	84	33	1
Rheumatic Fever	9	4	5	–	1	1	2	2	–	1	1	1	–	–	–
Meningitis (not Cer.-spin. or Tuberc.)	16	5	11	7	4	1	–	–	1	2	1	–	–	–	–
Apoplexy	229	107	122	–	–	–	–	–	1	5	22	50	75	58	18
Heart Disease	317	159	158	–	–	1	3	7	12	12	44	65	99	66	8
Diseases of Arteries	42	23	19	–	–	–	–	–	–	–	1	6	15	14	6
Bronchitis	213	106	107	25	7	–	1	2	2	5	11	41	52	48	19
Pneumonia (all forms)	330	196	134	87	69	3	7	11	12	23	27	35	36	15	5
Other Diseases of Respiratory System	35	18	17	2	3	–	–	–	–	2	3	5	8	9	3
Diarrhœa and Enteritis (under 2 years)	32	19	13	25	7	–	–	–	–	–	–	–	–	–	–
Appendicitis	24	11	13	–	2	2	1	4	3	1	6	2	3	–	–
All Diseases of Liver (not Malignant)	22	13	9	–	–	–	–	1	–	3	5	6	4	3	–
Nephritis, Acute and Chronic	86	40	46	–	–	–	1	2	4	16	19	21	15	8	–
Puerperal Sepsis	6	–	6	–	–	–	–	1	4	1	–	–	–	–	–
Other Dis. & Accidents of Preg. & Part.	15	–	15	–	–	–	–	4	6	5	–	–	–	–	–
Diseases of Early Infancy and Malform.	185	97	88	183	2	–	–	–	–	–	–	–	–	–	–
Suicide	26	16	10	–	–	–	–	–	1	9	7	3	4	2	–
Other Violent Deaths	99	80	19	3	14	9	1	8	15	8	14	13	9	1	4
Other Defined Diseases	401	184	217	42	16	4	4	16	10	36	44	47	64	81	37
Causes Ill-defined or Unknown	56	34	22	4	5	1	1	2	2	1	6	15	11	7	1
	2872	1484	1388	428	230	40	38	134	126	192	296	423	503	358	104

DEATHS IN EACH TOWN (corrected for Transfers) April 1927.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	2	...	...	...	...	...	1	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	19	3	11	...	...	...	...	2	...
Scarlet Fever	6	1	2	2	1	...	...	...	...
Whooping-cough	63	48	2	4	...	...	2	...	2
Diphtheria	15	7	1	2	1	...	...	1	1
Influenza...	53	20	10	3	...	1	4	4	...
Encephalitis Lethargica	5	3	1	...	...	...	...	...	1
Cerebro-spinal Meningitis	10	7	2	1	...	...	...	...	...
Other Epidemic Diseases	6	4	1	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	197	90	41	17	9	5	8	1	1
Tuberculous Meningitis	33	13	11	1	3	1	...	...	1
Tuber. of Intestines and Peritoneum...	17	5	4	1	1	...	2	1	...
Other Tuberculous Disease	23	10	5	3	...	3	...	1	...
Malignant Tumours	280	127	55	17	19	10	7	4	6
Rheumatic Fever	9	7	1	1	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	16	6	4	1	...	...	...	...	...
Apoplexy	229	98	49	14	25	11	2	2	6
Heart Disease	317	148	59	27	18	11	9	6	3
Diseases of Arteries	42	22	4	3	6	...	1	...	...
Bronchitis	213	117	30	16	4	7	14	3	1
Pneumonia (all forms)	330	178	29	27	6	13	14	14	5
Other Diseases of Respiratory System	35	16	9	1	4	...	2	...	1
Diarrhœa and Enteritis (under 2 years)	32	17	4	3	4	...	...	1	...
Appendicitis	24	14	3	...	1	...	...	2	...
All Diseases of Liver (not Malignant)	22	9	5	...	5	1	...	...	...
Nephritis, Acute and Chronic... ...	86	39	15	7	9	5	1	3	1
Puerperal Sepsis	6	3	...	1	...	...	1	...	...
Other Diseases and Accidents of Pregnancy and Parturition	15	7	3	1	1	...	...	...	1
Dis. of Early Infancy and Malformations	185	88	30	14	15	9	5	4	3
Suicide	26	12	5	4	2	...	...	...	1
Other Violent Deaths	99	47	15	8	4	2	5	4	2
Other Defined Diseases...	401	169	81	26	30	11	14	13	4
Causes Ill-defined or Unknown ...	56	31	5	5	4	3	3	...	...
All Causes ...	2872	1366	497	210	172	93	95	66	40
AGE AT DEATH.									
Under 1	428	205	67	39	27	18	10	10	7
1– 4	230	119	32	16	4	5	10	16	4
5– 9	40	21	6	3	...	2	3	...	1
10–14	38	22	3	3	3	2	1	...	1
15–24	134	73	18	12	7	3	5	1	1
25–34	126	56	21	7	7	4	9	...	3
35–44	192	90	33	17	11	3	5	5	...
45–54	296	160	48	16	11	9	10	10	3
55–64	423	191	81	31	27	14	13	5	6
65–74	503	239	91	35	25	19	15	8	10
75–84	358	151	75	24	36	12	9	9	3
85 and over	104	39	22	7	14	2	5	2	1
All Ages ...	2872	1366	497	210	172	93	95	66	40

DEATHS IN EACH TOWN (corrected for Transfers)—**April 1927**—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	1	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	...	...	1	...	1	1	...
Scarlet Fever	...	...	...	...	...	...	...	...
Whooping-cough	3	...	...	...	...	1	...	1
Diphtheria	1	...	...	...	...	...	...	1
Influenza...	2	3	2	...	2	1	1	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	...	1	...	...	...
Tuberculosis of Respiratory System ...	5	4	2	3	1	3	5	2
Tuberculous Meningitis	...	1	...	2	...	...	...	...
Tuber. of Intestines and Peritoneum ...	2	...	...	...	...	...	1	...
Other Tuberculous Disease	...	...	...	...	...	...	1	...
Malignant Tumours	5	3	4	2	3	7	6	5
Rheumatic Fever	...	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	1	...	1	1	1	...	1	...
Apoplexy...	2	4	4	...	3	2	3	4
Heart Disease	3	3	7	6	5	6	2	4
Diseases of Arteries	...	...	2	...	1	...	...	3
Bronchitis	2	1	1	3	4	3	3	4
Pneumonia (all forms)	14	2	2	4	7	2	5	8
Other Diseases of Respiratory System	...	...	1	...	...	...	1	...
Diarrhœa and Entiritis (under 2 years)	1	1	1	...	...	...	...	...
Appendicitis	...	2	...	1	...	1	...	...
All Diseases of Liver (not Malignant)	1	1	...	...	...	...	...	...
Nephritis, Acute and Chronic	...	1	1	1	...	...	2	1
Puerperal Sepsis	...	...	...	...	1	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	...	...	...	1	...	1	...	...
Dis. of Early Infancy and Malformations	3	1	2	4	2	1	2	2
Suicide	...	...	2	...	...	...	...	...
Other Violent Deaths	2	...	1	1	2	2	2	2
Other Defined Diseases...	12	2	10	6	3	5	8	7
Causes Ill-defined or Unknown ...	2	...	1	2	...	...	...	...
All Causes ...	62	29	44	38	36	36	44	44
AGE AT DEATH.								
Under 1	15	3	3	7	3	3	5	6
1– 4	7	1	1	6	...	2	6	1
5– 9	2	...	1	...	...	...	...	1
10–14	1	...	...	...	...	...	2	...
15–24	6	1	...	...	3	2	...	2
25–34	1	3	4	3	3	1	2	2
35–44	5	3	4	4	1	4	3	4
45–54	4	4	2	4	5	4	2	4
55–64	8	6	8	4	7	8	7	7
65–74	7	4	9	8	7	5	12	9
75–84	5	1	9	2	6	5	4	7
85 and over	1	3	3	...	1	2	1	1
All Ages ...	62	29	44	38	36	36	44	44

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth,

During the Month of April 1927.

OBSERVERS.	Height of Barometer above Sea-level.	AIR PRESSURE at 9 A.M. and 9 P.M.		AIR TEMPERATURE.								HYGROMETER.				RAIN, AND OTHER FORMS OF PRECIPITATION.			WIND DIRECTIONS.								
				Mean of				Absolute Maximum and Minimum.				Mean at 9 A.M. and 9 P.M.							Number of Observations at 9 A.M. and 9 P.M.								
		Mean at Station-level and 32°.	Mean at Sea-Level and 32°.	Maximum (A.)	Minimum (B.)	Mean of A and B (Mean Temperature).	Difference from Average.	Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	Number of Days.	Total Fall.	Difference from Average.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°			°	inch.	per cent.		inch.	inch.									
GLASGOW, Professor J. R. Currie, M.D., The University.	139	29·666	29·821	50·2	39·7	44·9	−0·1	56	17th	29	28th	45·3	3·5	·215	72	21	2·39	+0·31	0	2	0	6	0	22	14	16	0
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·330	29·814	49·9	37·4	43·7	−0·1	59	18th	26	28th	42·9	3·0	·210	75	17	1·60	+0·22	5	1	0	0	1	7	34	8	4
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·586	29·768	52·1	36·5	44·3	+0·2	61	17th	25	28th	43·7	2·9	·223	76	15	0·96	−0·74	0	0	0	3	0	32	0	25	0
ABERDEEN,* The Meterological Office.	90	29·629	29·731	50·8	37·3	44·1	+0·4	66	17th	27	28th	42·8	3·0	·205	75	24	2·35	+0·48	6	0	0	1	11	5	13	20	4
PAISLEY, The Coats Observatory.	107	29·706	29·826	51·5	38·8	45·1	−1·1	56	11, 15 18	27	28th	44·7	2·7	·233	79	23	2·31	−0·01	1	1	3	3	5	14	20	13	0
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	233	29·568	29·828	49·0	39·4	44·2	−0·4	57	20th	29	28th	44·3	3·0	·220	75	24	4·10	+0·46	2	0	6	1	0	15	31	5	0
PERTH,† J. Ritchie, The Museum.	22	29·755	29·780	53·0	37·0	45·0	+0·5	60	17th	25	28th	46·3	3·8	·220	70	12	0·92	−0·86	3	3	0	5	0	27	0	22	0
Means . .	171	29·606	29·795	50·9	38·0	44·4	−0·1	..	..	..	..	44·3	3·1	·218	75	19	2·09	−0·02	3	1	1	3	3	17	16	15	1

North Latitude.—Glasgow, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley, 55° 51′; Greenock, 55° 57; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Glasgow, 4° 17′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46; Perth, 3° 25′; Mean, 3° 36′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

MAY 1927.

Published by Authority of the Registrar-General.

REPORT

During the month of May 1927 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4500 living children, of whom 2261 were males, and 2239 were females. Compared with the number registered in the previous month, that of male children is 67 more and that of female children 68 more, the total registered being 135 more than in that month. The monthly birth-rate in these towns taken collectively was 22·1 per thousand, which rate is 0·1 less than that of the previous month, and 1·5 less than the average for May.

In the individual towns the monthly birth-rate averaged 20·9, and varied from 27·0 in Clydebank, 26·2 in Coatbridge, and 24·1 in Glasgow, to 15·1 in Kirkcaldy, 15·9 in Perth, 18·2 in Ayr, and 18·8 in Hamilton. In Greenock this rate was 22·6, in Dundee 21·9, in Dunfermline 21·5, in Paisley 21·3, in Motherwell and Wishaw 21·3, in Falkirk 21·2, in Aberdeen 20·5, in Kilmarnock 19·9 and in Edinburgh 19·4.

Of the 4500 children whose births were registered during the month, 4199, or 93·3 per cent., were legitimate, while 301, or 6·7 per cent., were illegitimate. The legitimate births of the month numbered 77 more than those of the previous month, and the illegitimate births 58 more. The illegitimate rate of the month, 6·7 per cent., is 1·1 above that of the previous month. In the individual towns the illegitimate rate varied from 9·4 in Hamilton, 8·2 in Coatbridge, and 8·0 in Edinburgh and in Aberdeen, to 1·6 in Falkirk, 3·4 in Ayr, 3·7 in Kirkcaldy, 4·4 in Perth, and 4·5 in Paisley.

Marriages registered in these towns during the month numbered 912, and equalled a marriage-rate of 4·5 per thousand. The marriages of the month are 694 fewer than those of the previous month. The monthly marriage-rate is 3·7 less than that of the previous month, but 0·8 more than the May average. In the individual towns the monthly marriage-rate ranged from 6·4 in Aberdeen, 5·2 in Edinburgh and in Dunfermline, and 4·8 in Glasgow and in Falkirk, to 1·9 in Greenock, 2·0 in Motherwell and Wishaw, 2·5 in Clydebank and 2·8 in Kilmarnock.

Deaths registered in these towns during the month numbered 2855, of which 1493 were males and 1362 were females. Deducting the deaths of persons with

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the three preceding years.

usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number of deaths for the month is found to be 2705. The corrected number includes the deaths of 1409 males and 1296 females, and is 168 less than that of the previous month.

The monthly death-rate in the Sixteen Towns taken collectively and based on the corrected number of deaths was 13·3 per thousand. This rate is 1·3 less than that of the previous month, and 0·5 less than the May average. In the individual towns the monthly death-rate averaged 11·9, and varied from 15·2 in Coatbridge, 14·3 in Glasgow, and 13·8 in Dundee and in Perth, to 7·3 in Kirkcaldy, 10·1 in Motherwell and Wishaw, and 10·3 in Clydebank. In Edinburgh this rate was 13·5, in Aberdeen 12·4, in Paisley 12·4, in Greenock 11·9, in Dunfermline 11·4, in Falkirk 11·3, in Hamilton 11·2, in Kilmarnock 11·1 and in Ayr 11·1.

Deaths of children of less than one year old numbered 375, and equalled an infantile mortality rate of 85 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths numbered 53 fewer than in the previous month. This death-rate is 16 below that of the previous month, and 2 less than the May average. In the individual towns the infantile mortality rate for the month varied from 97 in Aberdeen, 94 in Dundee and in Dunfermline, and 93 in Glasgow, to 15 in Kirkcaldy, 47 in Kilmarnock, and 49 in Hamilton.

Deaths from the principal epidemic diseases numbered 143, and equalled a death-rate of 0·7 per thousand. These deaths collectively number 6 more than in the previous month, but 93 fewer than the May average. They included 1 from enteric fever, 18 from measles, 6 from scarlet fever, 71 from whooping-cough, 12 from diphtheria, and 35 from the diarrhœas of childhood. Compared with the deaths in the previous month, those from whooping-cough numbered 8 more, and those from the diarrhœas of childhood numbered 3 more, but those from scarlet fever are of the same number, while those from diphtheria are 3 fewer, from enteric fever 1 fewer, and from measles 1 fewer.

Deaths from influenza numbered 29, which number is 24 less than in the previous month, and is the smallest number in any month since October of last year.

Deaths from respiratory diseases other than phthisis, but exclusive of those associated with influenza, numbered 465, which is 113 fewer than in the previous month. These deaths equalled a death-rate of 2·3 per thousand, which rate is 0·6 less than that of the previous month, but is 0·1 more than the May average.

Deaths from all forms of tuberculous disease numbered 242, of which 176 were attributed to tuberculosis of the respiratory system. The former number is 28 less than in the previous month, and 41 less than the May average. The latter number is 21 less than in the previous month, and the same amount less than the May average.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

MAY 1927.

Mean barometric pressure, 30·041 in.; greater than the average of 1881-1915 by 0·093 in.

Mean temperature, 48°·4; less by 1°·2.

Mean daily range of temperature, 13°·7; less by 1°·3.

Rain, depth in inches, 2·62; greater by 0·18 in.

Wind, direction of; a 3 days' excess of northerly winds.

The mean pressure of the month was the highest recorded in May since 1919, with extremes at Edinburgh, at mean sea-level, of 30·53 in. on 10th and 29·64 in. on 2nd. On the whole conditions were rather variable; but no violent fluctuations occurred. The most noteworthy features were perhaps a thunderstorm tendency on 8th and 16th; and the frequent development of high pressure over Iceland towards the end of the month.

The last week of April had been extremely cold, and on the morning of 1st May some very low temperatures were recorded (16° at Braemar). A day or two later a moderate recovery had taken place, and on 7th and 8th a notable outburst of warmth was experienced in southern and western districts (80° at Colmonell and 79° at Kilmarnock on 8th). Thereafter temperature remained as a rule at a moderate level, and with northerly winds, the last few days were decidedly cold. The temperature deficiency of the month was more marked by day than by night.

Relatively to the normal the distribution of rainfall was rather irregular; but in most southern and north-western districts there was a decided deficiency. Elsewhere areas of moderate excess were well-defined in the Spey valley and in the Loch Fyne and Firth of Clyde region. Rain was general from 2nd to 4th, moderate towards the north-west, but heavy in east and south; from 5th to 12th wide areas were rainless, though there were moderate falls here and there on 8th; and from 13th to 16th and again from 20th to 23rd conditions were rather unsettled, with 1 in. or more at Inveraray on 20th and at Grantown-on-Spey on 21st. Some central and southern districts were practically rainless after 16th; but from 26th onwards rain occurred elsewhere on one or two days. At Edinburgh more than half the month's aggregate was accounted for by a fall of 1·23 in. on 4th.

Wind force was as a rule moderate. Some snow or sleet occurred here and there on 1st and 2nd, 16th and 26th. Melting of the snow which had accumulated on the hills at the end of April, and the rains of the early days of May, caused flooding of the Perthshire rivers.

Thunderstorms occurred here and there on 7th; rather widely on 8th and 16th, and here and there on 21st and 31st. Rain associated with the storms of 8th and 16th was curiously sporadic in character.

The month was a very cloudy one in north and east; but very sunny in the west. At Aberdeen it was the cloudiest May for at least forty years, and its sunshine aggregate of 105 hours was in striking contrast with 270 hours at Tiree and 237 hours at Turnberry.

Aurora was observed in Shetland on 3rd and 5th; at Edinburgh on 4th and 5th; and at Gordon Castle on 9th.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 40.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, May 1927.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		Total Corrected.
	Census 1921.	Estimated to middle of 1927.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	
GLASGOW,	1,051,518	1,049,000	1100	1045	2145	2001	144	428	699	648	1347	123	50	1274
EDINBURGH,	420,264	426,100	349	352	701	645	56	189	272	264	536	66	19	489
DUNDEE,	168,315	170,800	149	169	318	299	19	46	101	106	207	10	3	200
ABERDEEN	158,963	158,300	140	136	276	254	22	86	92	87	179	34	22	167
PAISLEY,	84,837	86,200	74	82	156	149	7	22	47	46	93	9	7	91
GREENOCK,	81,123	81,900	71	86	157	146	11	13	48	39	87	5	1	83
MOTHERWELL AND WISHAW,	68,869	71,200	68	61	129	122	7	12	31	22	53	0	8	61
CLYDEBANK,	46,601	46,700	55	52	107	101	6	10	24	9	33	2	10	41
COATBRIDGE,	43,919	44,000	51	47	98	90	8	13	32	23	55	1	3	57
DUNFERMLINE,	39,899	36,200	31	35	66	61	5	16	24	17	41	8	2	35
KIRKCALDY,	39,591	42,000	31	23	54	52	2	16	13	11	24	1	3	26
HAMILTON,	39,504	40,100	30	34	64	58	6	15	19	12	31	0	7	38
KILMARNOCK,	35,911	37,300	31	32	63	60	3	9	22	17	39	7	3	35
AYR,	35,763	38,200	29	30	59	57	2	11	24	21	45	11	2	36
FALKIRK,	33,308	34,500	31	31	62	61	1	14	23	16	39	7	1	33
PERTH,	33,208	33,200	21	24	45	43	2	12	22	24	46	9	2	39
TOTAL (SIXTEEN TOWNS)	2,381,593	2,395,700	2261	2239	4500	4199	301	912	1493	1362	2855	293	143	2705

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, May 1927.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	24·1	6·7	4·8	15·1	14·3	0·8	1·3	1·0	2·9	191	93
EDINBURGH,	19·4	8·0	5·2	14·8	13·5	0·7	1·2	0·8	2·0	53	80
DUNDEE,	21·9	6·0	3·2	14·3	13·8	0·8	1·3	1·0	2·2	29	94
ABERDEEN,	20·5	8·0	6·4	13·3	12·4	0·4	0·9	0·4	1·3	27	97
PAISLEY,	21·3	4·5	3·0	12·7	12·4	0·3	0·7	0·5	1·5	12	75
GREENOCK,	22·6	7·0	1·9	12·5	11·9	0·6	1·3	1·0	1·6	10	62
MOTHERWELL AND WISHAW,	21·3	5·4	2·0	8·8	10·1	0·8	1·5	1·0	1·7	10	76
CLYDEBANK,	27·0	5·6	2·5	8·3	10·3	1·8	1·3	1·0	2·3	8	91
COATBRIDGE,	26·2	8·2	3·5	14·7	15·2	1·3	1·3	1·1	3·5	9	89
DUNFERMLINE,	21·5	7·6	5·2	13·4	11·4	0·7	2·0	1·3	1·6	6	94
KIRKCALDY,	15·1	8·7	4·5	6·7	7·3	0·0	0·6	0·3	0·6	1	15
HAMILTON,	18·8	9·4	4·4	9·1	11·2	0·6	0·6	0·3	1·2	4	49
KILMARNOCK,	19·9	4·8	2·8	12·3	11·1	0·6	0·9	0·6	1·6	3	47
AYR,	18·2	3·4	3·4	13·9	11·1	1·2	0·3	0·3	1·9	4	65
FALKIRK,	21·2	1·6	4·8	13·3	11·3	0·3	0·3	0·3	2·4	5	81
PERTH,	15·9	4·4	4·2	16·3	13·8	0·4	0·7	0·4	1·1	3	54
TOTAL (SIXTEEN TOWNS)	22·1	6·7	4·5	14·0	13·3	0·7	1·2	0·9	2·3	375	85

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR MAY 1927, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. Seven Towns only).
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
MAY 1927,	**22·1**	**6·7**	**4·5**	**13·3**	**1**	**0**	**18**	**6**	**71**	**12**	**35**	**85**	**48°·4**
MAY 1926	22·4	5·9	4·2	14·1	0	0	66	17	26	21	27	81	48°·3
MAY 1925,	23·9	6·6	3·4	12·7	1	0	29	11	156	23	26	90	50°·2
MAY 1924,	24·4	6·4	3·3	14·1	0	0	119	24	98	29	34	94	48° 2
MAY 1923,	25·6	6·9	4·0	14·2	2	0	56	12	85	15	33	93	46°·7
MAY 1922,	27·1	6·8	5·1	16·0	3	0	388	12	82	16	52	111	51°·3
MAY 1921,	30·0	6·8	6·1	13·8	0	0	21	11	134	33	39	91	51°·0
MAY 1920	31·7	7·9	7·5	17·0	2	22	102	10	31	27	53	121	50·6
MAY 1919,	20·9	8·5	7·3	13·4	2	0	106	7	120	21	28	106	52·6
MAY 1918,	22·6	8·7	5·1	15·8	7	0	140	8	125	28	30	116	52° 6
MAY 1917,	22·3	8·1	4·9	17·0	3	0	277	16	257	27	43	128	49° 6

Figures in columns 5-13 have been corrected for non-resident deaths.

* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS - May 1927.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over
nteric Fever	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-
yphus Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
nall-pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
easles	18	8	10	6	10	1	-	-	1	-	-	-	-	-	-
carlet Fever	6	-	6	-	3	-	-	-	2	-	-	1	-	-	-
hooping-cough	71	35	36	39	32	-	-	-	-	-	-	-	-	-	-
iphtheria	12	7	5	2	6	4	-	-	-	-	-	-	-	-	-
nfluenza	29	13	16	3	1	-	-	1	-	-	7	5	5	7	-
ncephalitis Lethargica	7	2	5	-	1	1	-	-	1	3	1	-	-	-	-
erebro-spinal Meningitis	12	10	2	7	3	-	-	1	1	-	-	-	-	-	-
ther Epidemic Diseases	10	5	5	1	1	-	-	-	-	1	-	3	3	1	-
uberculosis of Respiratory System	176	96	80	2	5	3	8	47	33	35	24	11	8	-	-
uberculous Meningitis	31	19	12	6	18	2	-	5	-	-	-	-	-	-	-
uberculosis of Intestines and Peritoneum	13	8	5	-	7	2	1	-	2	-	-	1	-	-	-
ther Tuberculous Disease	22	12	10	2	5	2	1	5	1	1	2	2	1	-	-
alignant Tumours	277	100	177	-	-	2	-	-	5	19	55	82	91	21	2
heumatic Fever	13	7	6	-	-	-	4	3	1	1	1	1	1	1	-
eningitis (not Cer.-spin. or Tuberc.)	16	6	10	7	2	1	3	2	-	-	-	-	1	-	-
poplexy	244	110	134	1	-	-	-	-	3	4	23	52	95	59	7
eart Disease	330	178	152	-	1	2	-	8	6	22	41	72	102	62	14
iseases of Arteries	44	31	13	-	-	-	-	-	-	2	3	7	15	14	3
ronchitis	141	79	62	16	5	-	2	-	3	10	9	32	33	25	6
neumonia (all forms)	293	176	117	65	63	4	6	6	8	24	35	32	29	18	3
ther Diseases of Respiratory System	31	19	12	5	1	1	2	1	2	-	1	4	8	6	-
iarrhœa and Enteritis (under 2 years)	35	17	18	33	2	-	-	-	-	-	-	-	-	-	-
ppendicitis	22	16	6	-	-	1	1	3	4	4	5	2	2	-	-
ll Diseases of Liver (not Malignant)	19	7	12	-	-	-	-	-	1	2	4	9	2	-	1
ephritis, Acute and Chronic	85	42	43	-	1	1	-	1	5	4	26	26	14	7	-
uerperal Sepsis	7	-	7	-	-	-	-	2	3	2	-	-	-	-	-
ther Dis. & Accidents of Preg. & Part.	13	-	13	-	-	-	-	3	5	5	-	-	-	-	-
iseases of Early Infancy and Malform.	151	91	60	150	1	-	-	-	-	-	-	-	-	-	-
uicide	20	14	6	-	-	-	-	-	3	4	5	6	1	1	-
ther Violent Deaths	101	67	34	3	13	8	7	9	7	11	16	13	6	3	5
ther Defined Diseases	412	207	205	23	17	10	6	18	16	24	55	48	73	88	34
auses Ill-defined or Unknown	43	26	17	4	1	-	-	-	1	4	6	9	13	5	-
	2705	1409	1296	375	199	45	41	116	114	182	319	418	503	318	75

DEATHS IN EACH TOWN (corrected for Transfers) May 1927.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	1	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	18	2	7	3	...	...	...	4	...
Scarlet Fever	6	2	3	...	...	...	1	...	...
Whooping-cough	71	45	8	3	...	...	2	1	5
Diphtheria	12	2	3	2	2	1	1	...	...
Influenza...	29	17	2	...	...	1	...	1	...
Encephalitis Lethargica	7	3	1	1	...	1	...	...	...
Cerebro-spinal Meningitis	12	7	3	1	...	...	...	...	1
Other Epidemic Diseases	10	4	3	1	1	...	...	...	...
Tuberculosis of Respiratory System ...	176	90	30	15	5	4	7	6	4
Tuberculous Meningitis	31	17	3	1	5	1	1	1	1
Tuber. of Intestines and Peritoneum...	13	5	1	1	1	...	1	1	...
Other Tuberculous Disease	22	7	8	2	1	...	...	1	...
Malignant Tumours	277	120	75	19	20	4	5	6	3
Rheumatic Fever	13	10	1	1	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	16	9	2	1	1	...	1	1	...
Apoplexy	244	97	52	14	18	12	12	3	4
Heart Disease	330	137	60	28	27	19	12	3	5
Diseases of Arteries	44	20	7	5	2	1	3	...	1
Bronchitis	141	81	21	10	6	2	5	3	2
Pneumonia (all forms)	293	161	47	19	11	8	6	7	7
Other Diseases of Respiratory System	31	14	6	3	...	1	...	...	...
Diarrhœa and Enteritis (under 2 years)	35	16	4	3	3	1	...	...	2
Appendicitis	22	13	1	2	1	...	...	1	...
All Diseases of Liver (not Malignant)	19	9	4	2	...	3	...	...	...
Nephritis, Acute and Chronic... ...	85	39	18	6	7	4	2	2	...
Puerperal Sepsis	7	2	3	1	...	...	1	...	...
Other Diseases and Accidents of Pregnancy and Parturition	13	8	3	1	...	...	...	...	...
Dis. of Early Infancy and Malformations	151	64	26	16	16	9	4	4	1
Suicide	20	9	5	1	1	1	...	...	...
Other Violent Deaths	101	59	9	3	7	...	4	6	...
Other Defined Diseases...	412	180	72	32	29	15	15	8	4
Causes Ill-defined or Unknown ...	43	25	1	3	3	3	...	2	1
All Causes ...	2705	1274	489	200	167	91	83	61	41
AGE AT DEATH.									
Under 1	375	191	53	29	27	12	10	10	8
1– 4	199	99	28	23	11	3	7	6	5
5– 9	45	15	8	4	5	2	1	4	...
10–14	41	22	7	...	3	...	1	2	1
15–24	116	55	14	8	5	4	6	5	4
25–34	114	64	13	9	7	2	5	2	2
35–44	182	102	29	9	3	7	10	4	2
45–54	319	154	63	16	17	15	8	7	5
55–64	418	209	84	28	21	9	11	9	7
65–74	503	222	99	33	33	21	15	8	5
75–84	318	116	71	32	27	15	9	4	2
85 and over	75	25	20	9	8	1	...	...	...
All Ages ...	2705	1274	489	200	167	91	83	61	41

DEATHS IN EACH TOWN (corrected for Transfers)—May 1927—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	1	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	...	...	1	...	1	...	...
Scarlet Fever	...	...	...	...	...	...	...	...
Whooping-cough	4	...	...	...	1	2	...	...
Diphtheria	...	...	...	...	...	...	1	...
Influenza...	...	...	2	3	2	1	...	...
Encephalitis Lethargica	...	...	...	...	...	1	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	1	...	...	...	...	...
Tuberculosis of Respiratory System ...	4	4	1	1	2	1	1	1
Tuberculous Meningitis	...	...	1	...	...	...	...	...
Tuber. of Intestines and Peritoneum ...	1	1	...	...	...	...	...	1
Other Tuberculous Disease	...	1	...	1	1	...	...	...
Malignant Tumours	6	3	1	2	2	3	3	5
Rheumatic Fever	1	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	...	...	...	...	...	...	1	...
Apoplexy...	1	5	5	6	7	3	2	3
Heart Disease	8	4	1	4	5	4	5	8
Diseases of Arteries	...	2	1	...	...	...	1	1
Bronchitis	2	3	1	2	...	1	2	...
Pneumonia (all forms)	10	2	1	1	4	3	4	2
Other Diseases of Respiratory System	1	...	...	1	1	2	1	1
Diarrhœa and Entiritis (under 2 years)	1	2	...	1	1	...	...	1
Appendicitis	...	1	1	1	...	...	...	1
All Diseases of Liver (not Malignant)	...	...	...	...	...	...	1	...
Nephritis, Acute and Chronic	2	...	1	1	1	...	...	2
Puerperal Sepsis	...	...	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	...	...	...	...	...	1	...	...
Dis. of Early Infancy and Malformations	1	4	1	...	...	2	2	1
Suicide	...	1	...	...	...	...	...	2
Other Violent Deaths	3	1	1	3	1	1	1	2
Other Defined Diseases...	10	1	7	10	7	9	7	6
Causes Ill-defined or Unknown ...	2	...	...	...	...	...	1	2
All Causes ...	57	35	26	38	35	36	33	39
AGE AT DEATH.								
Under 1	9	6	1	4	3	4	5	3
1– 4	3	2	1	2	2	2	2	3
5– 9	...	1	...	3	1	1	...	...
10–14	...	1	1	...	2	1	...	...
15–24	5	3	...	3	1	1	2	...
25–34	2	...	...	...	...	3	1	4
35–44	5	2	2	2	2	...	2	1
45–54	2	...	3	5	3	6	6	9
55–64	11	7	1	5	7	3	3	3
65–74	14	9	7	7	9	7	5	9
75–84	5	2	8	6	3	7	5	6
85 and over	1	2	2	1	2	1	2	1
All Ages ...	57	35	26	38	35	36	33	39

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth, During the Month of May 1927.

OBSERVERS.	Height of Barometer above Sea-level.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Station-level and 32°.	AIR PRESSURE Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A.)	Mean of Minimum (B.)	Mean of A and B (Mean Temperature).	Difference from Average.	Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°			°	inch.	per cent.		inch.	inch.									
GLASGOW, Professor J. R. Currie, M.D., The University.	139	29·888	30·041	56·5	42·7	49·6	−0·7	76	8th	31	1st	49·1	3·9	·250	72	13	2·50	−0·09	2	14	12	4	0	10	8	8	4
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·568	30·056	53·0	41·4	47·2	−1·8	63	24th	30	1st	46·2	2·9	·243	77	15	2·10	+0·23	5	10	11	3	4	2	11	7	9
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·863	30·044	54·7	40·5	47·6	−1·8	64	15, 18	29	1st	47·4	2·8	·255	79	12	2·39	+0·30	0	11	0	16	0	17	0	18	0
ABERDEEN,* The Meterological Office.	90	29·917	30·018	51·0	40·9	45·9	−2·3	62	24th	30	1st	46·3	2·9	·243	77	20	2·58	+0·25	16	4	3	4	9	3	5	14	4
PAISLEY, The Coats Observatory.	107	29·917	30·036	58·5	42·6	50·5	−1·1	77	8th	29	1st	49·8	3·7	·265	73	13	2·56	+0·07	7	12	13	3	2	7	11	6	1
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	233	29·784	30·041	55·9	42·8	49·3	−0·5	76	8th	32	1st	48·0	3·4	·250	74	14	4·23	+0·78	3	8	17	3	2	11	15	3	0
PERTH,† J. Ritchie, The Museum.	22	30·024	30·048	57·6	40·4	49·0	−0·8	74	8th	28	11th	49·5	3·3	·265	76	12	1·95	−0·27	5	6	5	15	2	19	0	10	0
Means . .	171	29·852	30·041	55·3	41·6	48·4	−1·2	..	..	..	..	48·0	3·3	·253	75	14	2·62	+0·18	5	9	9	7	3	10	7	9	3

North Latitude.—Glasgow, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley, 55° 51′; Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Glasgow, 4° 17′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 36′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

JUNE 1927.

Published by Authority of the Registrar-General.

REPORT

During the month of June 1927 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4225 living children, of whom 2180 were males, and 2045 were females. Compared with the number registered in the previous month, the male children are 81 fewer, the female children 194 fewer, and the total children 275 fewer. The monthly birth-rate in these towns taken collectively was 21·5 per thousand, which rate is 0·6 less than that of the previous month, and 2·8 less than the average for June.

In the individual towns the monthly birth-rates averaged 20·4, and varied from 23·7 in Paisley, 23·2 in Clydebank, 23·1 in Aberdeen, and 23·0 in Ayr, to 15·0 in Perth, 16·8 in Dunfermline, and 17·3 in Falkirk. In Coatbridge the monthly birth-rate was 22·9, in Glasgow 22·7, in Dundee 21·2, in Greenock 20·8, in Hamilton 20·3, in Kirkcaldy 19·7, in Kilmarnock 19·2, in Edinburgh 19·1, and in Motherwell and Wishaw 19·1.

Of the 4225 living children whose births were registered during the month, 3969, or 93·9 per cent., were legitimate, while 256, or 6·1 per cent., were illegitimate. The legitimate children of the month numbered 230 fewer than in the previous month, and the illegitimate children 45 fewer. The illegitimate rate of the month, 6·1 per cent., is 0·6 less than that of the previous month. In the individual towns the illegitimate rate averaged 5·4, and varied from 10·4 per cent in Dundee, 8·3 in Aberdeen, 7·5 in Hamilton, 7·4 in Kirkcaldy, and 7·3 in Perth, to 0·0 in Ayr, 1·1 in Clydebank, and 2·0 in Falkirk.

Marriages registered in these towns during the month numbered 2144, and equalled a marriage-rate of 10·9 per thousand. The marriages of the month are 1232 more than those of the previous month. The monthly marriage-rate is 6·4 above that of the previous month, but equals the June average. In the individual towns the monthly marriage-rates averaged 9·3, and varied from 13·1 per thousand in Aberdeen, 12·6 in Edinburgh, 11·5 in Glasgow, 10·8 in Ayr, 10·6 in Perth, and 10·3 in Hamilton, to 5·5 in Clydebank, 6·5 in Motherwell and Wishaw, and 6·7 in Dunfermline.

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the three preceding years.

Deaths registered in these towns during the month numbered 2585, 1352 being of males and 1233 of females. Deducting the deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number of deaths for the month is found to be 2438. The corrected number includes the deaths of 1265 males and 1173 females, and is 267 less than that of the previous month.

The monthly death-rate in the Sixteen Towns taken collectively and based on the corrected number of deaths was 12·4 per thousand. This rate is 0·9 less than that of the previous month and 0·1 less than the June average. In the individual towns the monthly death-rates averaged 10·7, and varied from 15·5 per thousand in Dundee, 13·4 in Glasgow, 12·8 in Edinburgh, and 12·1 in Kilmarnock, to 7·0 in Ayr, 7·6 in Hamilton, and 9·0 in Paisley and in Kirkcaldy. In Perth this rate was 11·7, in Coatbridge 11·6, in Motherwell and Wishaw 11·1, in Aberdeen 11·0, in Falkirk 10·2, in Greenock 9·7, in Clydebank 9·6, and in Dunfermline 9·4.

Deaths of children of less than one year old numbered 298, and equalled an infantile mortality rate of 71 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths number 77 fewer than in the previous month. This death-rate is 14 less than in the previous month, and 2 less than average. In the individual towns the infantile mortality rates of the month averaged 63, and varied from 131 in Kilmarnock, 121 in Dundee, 82 in Dunfermline, and 78 in Glasgow, to 17 in Falkirk, 38 in Perth, and 39 in Hamilton. In Aberdeen this rate was 63 per thousand, in Kirkcaldy 63, in Coatbridge 61, in Greenock 59, in Clydebank 58, in Paisley 52, in Ayr 50, in Edinburgh 49, and in Motherwell and Wishaw 48.

Deaths from the principal epidemic diseases numbered 132, and equalled a death-rate of 0·7 per thousand. These deaths collectively number 11 fewer than in the previous month, and 38 fewer than average. They include 2 deaths from enteric fever, 32 from measles, 7 from scarlet fever, 54 from whooping-cough, 14 from diphtheria, and 23 from the diarrhœas of childhood. Compared with the deaths in the previous month, those from whooping-cough are 17 fewer, and from the diarrhœas of childhood 12 fewer, but those from scarlet fever are 1 more, from enteric fever 1 more, from diphtheria 2 more, and from measles 14 more.

Deaths from influenza numbered 30, which number is 1 more than in the previous month, but is less than in any other month since October of last year.

Deaths from respiratory diseases other than phthisis, but exclusive of those associated with influenza, numbered 354, which is 111 fewer than the previous month. These deaths equal a death-rate of 1·8 per thousand, which rate is 0·5 less than in the previous month, but is 0·2 more than the June average.

Deaths from all forms of tuberculous disease numbered 244, of which 174 were attributed to tuberculosis of the respiratory system. The former number is 2 more than in the previous month, but 17 less than the June average. The latter is 2 less than in the previous month, and 6 less than the June average.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

JUNE 1927.

Mean barometric pressure, 29·800 in.; less than the average of 1881-1915 by 0·169 in.

Mean temperature, 51°·6; less by 3°·7.

Mean daily range of temperature, 13°·6; less by 1°·8.

Rain, depth in inches, 3·37; greater by 1·13 in.

Wind, direction of: a 3 days' excess of north-westerly winds.

During the first two weeks pressure was relatively high over Iceland; but by 16th a rather deep depression lay over the Atlantic and conditions changed to a more disturbed type, with frequent depressions moving across the British Isles. At Edinburgh, at mean sea-level, the extremes were 30·22 in. on 15th and 29·39 in. on 19th.

With northerly or north-westerly winds much in evidence during the first two weeks, and easterly winds frequent during the last ten days, there was a great deal of abnormally cold weather. For Scotland, as a whole, the month was much the coldest June for at least 60 years, and probably for a very much longer period. For Edinburgh temperature records are available for comparison as far back as 1764, and during the long period of fully 160 years no June has been so cold in Edinburgh as that of 1927. Practically the only approach to a moderately high temperature was around 17th (74° at Inverness). Lowest readings occurred between 9th and 11th or on 15th (28° at Balmoral on both 11th and 15th). Destructive ground frost was experienced on some nights.

Rainfall aggregates were everywhere decidedly above the normal, with the excess most pronounced in some northern and western districts. Thus Tongue, Gordon Castle, Balmoral and Kilmarnock had fully twice the normal amount for June. Moderate rains were more or less general from 1st–4th and on 7th, whilst the period from 8th–14th was fine in western districts. On 15th rain commenced in the west; on 16th heavy falls were general with more than 1 inch over wide areas and at Aberfoyle as much as 2·30 in.; and on every day until the 22nd there were in most districts further more or less heavy falls. Thereafter conditions were rather less disturbed, though many districts had again rather heavy falls on 25th,—Galashiels as much as 1·12 in.,—and on 27th.

On 21st a westerly gale did considerable damage in some districts. Snow fell on high ground towards the north early in the month, and around 22nd.

Thunder was reported more or less widely on as many as 15 days:—in north from 3rd to 6th; in south-east on 8th; in north on 11th, 13th and 14th; rather widely on 17th; here and there on some later days; and at Glasgow on 30th. The storm of 17th was of considerable intensity in some places, and at Falkirk the Town Steeple was partly destroyed (about 1 p.m. G.M.T.).

There were some very sunny days; and in the west sunshine aggregates were above the normal. At Edinburgh there was a moderate excess; but at Aberdeen a decided deficiency.

An aurora was observed at Aberdeen on 9th.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 48.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, June 1927.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		
	Census 1921.	Estimated to middle of 1927.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW,	1,051,518	1,049,000	1002	958	1960	1845	115	988	640	581	1221	119	51	1153
EDINBURGH,	420,264	426,100	350	320	670	632	38	442	251	249	500	72	19	447
DUNDEE,	168,315	170,800	155	142	297	266	31	141	102	119	221	10	7	218
ABERDEEN,	158,963	158,300	172	128	300	275	25	171	80	74	154	35	24	143
PAISLEY,	84,837	86,200	107	61	168	161	7	62	38	30	68	8	4	64
GREENOCK,	81,123	81,900	70	70	140	131	9	52	40	26	66	2	1	65
MOTHERWELL AND WISHAW,	68,869	71,200	49	63	112	107	5	38	28	24	52	0	13	65
CLYDEBANK,	46,601	46,700	46	43	89	88	1	21	14	9	23	0	14	37
COATBRIDGE,	43,919	44,000	39	44	83	77	6	26	18	18	36	0	6	42
DUNFERMLINE,	39,899	36,200	23	27	50	48	2	20	20	15	35	9	2	28
KIRKCALDY,	39,591	42,000	36	32	68	63	5	32	19	16	35	4	0	31
HAMILTON,	39,504	40,100	31	36	67	62	5	34	16	6	22	0	3	25
KILMARNOCK,	35,911	37,300	26	33	59	56	3	30	23	18	41	7	3	37
AYR,	35,763	38,200	29	43	72	72	0	34	15	18	33	13	2	22
FALKIRK,	33,308	34,500	25	24	49	48	1	24	21	13	34	6	1	29
PERTH,	33,208	33,200	20	21	41	38	3	29	27	17	44	12	0	32
TOTAL (SIXTEEN TOWNS)	2,381,593	2,395,700	2180	2045	4225	3969	256	2144	1352	1233	2585	297	150	2438

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, June 1927.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	22·7	5·9	11·5	14·2	13·4	0·8	1·4	1·0	2·3	154	78
EDINBURGH,	19·1	5·7	12·6	14·3	12·8	0·5	1·4	1·0	1·7	31	49
DUNDEE,	21·2	10·4	10·0	15·7	15·5	1·8	1·1	0·9	1·9	36	121
ABERDEEN,	23·1	8·3	13·1	11·8	11·0	0·1	1·2	0·8	1·0	17	63
PAISLEY,	23·7	4·2	8·7	9·6	9·0	0·0	0·7	0·6	1·0	8	52
GREENOCK,	20·8	6·4	7·7	9·8	9·7	0·3	1·2	0·6	1·2	9	59
MOTHERWELL AND WISHAW,	19·1	4·5	6·5	8·9	11·1	0·5	2·4	1·7	1·5	6	48
CLYDEBANK,	23·2	1·1	5·5	6·0	9·6	1·0	0·8	0·5	1·0	5	58
COATBRIDGE,	22·9	7·2	7·2	9·9	11·6	1·1	1·9	1·4	1·9	6	61
DUNFERMLINE,	16·8	4·0	6·7	11·8	9·4	0·7	0·7	0·7	1·3	5	82
KIRKCALDY,	19·7	7·4	9·3	10·1	9·0	0·6	0·0	0·0	0·6	4	63
HAMILTON,	20·3	7·5	10·3	6·7	7·6	0·3	0·0	0·0	1·5	3	39
KILMARNOCK,	19·2	5·1	9·8	13·4	12·1	1·0	0·7	0·7	0·3	8	131
AYR,	23·0	0·0	10·8	10·5	7·0	0·0	0·0	0·0	1·3	3	50
FALKIRK,	17·3	2·0	8·5	12·0	10·2	0·0	1·1	0·7	1·4	1	17
PERTH,	15·0	7·3	10·6	16·1	11·7	0·4	0·7	0·7	1·1	2	38
TOTAL (SIXTEEN TOWNS)	21·5	6·1	10·9	13·1	12·4	0·7	1·2	0·9	1·8	298	71

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR JUNE 1927, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							Infantile Mortality Rate.	Mean Temperature. (Seven Towns only).
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
JUNE 1927, .	**21·5**	**6·1**	**10·9**	**12·4**	**2**	**0**	**32**	**7**	**54**	**14**	**23**	**71**	**51°·6**
JUNE 1926, .	23·1	6·2	9·8	11·8	1	0	29	16	25	17	31	70	55°·3
JUNE 1925, .	25·5	6·7	11·2	12·6	0	0	9	28	116	23	43	79	57°·4
JUNE 1924, .	24·3	6·1	11·4	12·8	0	0	36	19	71	21	26	78	54°·2
JUNE 1923, .	24·8	6·1	11·7	12·8	1	0	52	17	45	19	28	80	54°·0
JUNE 1922, .	26·6	7·1	11·6	12·8	2	0	121	4	48	15	47	75	54°·3
JUNE 1921, .	29·5	7·5	13·0	12·6	4	0	5	9	96	15	37	76	56°·5
JUNE 1920, .	30·7	9·5	16·6	13·2	2	19	49	8	23	24	54	86	55°·6
JUNE 1919, .	21·9	9·3	16·7	12·1	1	0	75	5	69	11	24	88	55°·4
JUNE 1918, .	20·8	9·5	10·4	11·4	3	0	69	5	60	25	31	81	54°·9
JUNE 1917, .	22·2	8·6	10·1	14·8	1	0	204	6	201	20	34	99	55°·5

Figures in columns 5-13 have been corrected for non-resident deaths.

* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS - June 1927.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.
Enteric Fever	2	1	1	-	-	1	-	1	-	-	-	-	-	-	-
Typhus Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small-pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	32	19	13	5	24	3	-	-	-	-	-	-	-	-	-
Scarlet Fever	7	6	1	-	4	1	-	1	-	1	-	-	-	-	-
Whooping-cough	54	21	33	31	22	1	-	-	-	-	-	-	-	-	-
Diphtheria	14	8	6	2	8	4	-	-	-	-	-	-	-	-	-
Influenza	30	19	11	-	-	-	1	1	-	3	7	6	6	6	-
Encephalitis Lethargica	3	3	-	-	1	-	-	1	-	1	-	-	-	-	-
Cerebro-spinal Meningitis	8	3	5	5	1	1	1	-	-	-	-	-	-	-	-
Other Epidemic Diseases	10	5	5	6	1	-	-	-	-	1	1	1	-	-	-
Tuberculosis of Respiratory System	174	92	82	-	3	3	2	38	46	33	28	17	4	-	-
Tuberculous Meningitis	31	21	10	4	14	2	5	3	2	1	-	-	-	-	-
Tuberculosis of Intestines and Peritoneum	13	7	6	1	6	2	-	1	2	-	1	-	-	-	-
Other Tuberculous Disease	26	13	13	4	1	1	3	5	2	3	2	2	2	1	-
Malignant Tumours	302	130	172	-	1	-	1	1	3	17	62	93	92	28	4
Rheumatic Fever	10	3	7	-	-	-	1	2	1	1	3	1	1	-	-
Meningitis (not Cer.-spin. or Tuberc.)	10	7	3	3	4	3	-	-	-	-	-	-	-	-	-
Apoplexy	198	94	104	1	1	-	1	-	3	4	24	40	72	42	10
Heart Disease	292	135	157	-	1	3	2	2	9	12	26	62	110	52	13
Diseases of Arteries	32	18	14	-	-	-	-	-	-	-	2	8	9	8	5
Bronchitis	99	61	38	9	5	-	1	1	2	6	9	10	31	20	5
Pneumonia (all forms)	223	136	87	48	37	9	1	8	9	18	20	32	26	12	3
Other Diseases of Respiratory System	32	21	11	5	-	1	-	-	1	3	1	10	7	4	-
Diarrhœa and Enteritis (under 2 years)	23	16	7	17	6	-	-	-	-	-	-	-	-	-	-
Appendicitis	16	11	5	-	-	1	1	3	5	-	5	-	1	-	-
All Diseases of Liver (not Malignant)	18	3	15	-	-	-	-	-	1	-	8	4	4	1	-
Nephritis, Acute and Chronic	77	39	38	-	1	3	-	-	2	7	19	18	15	11	1
Puerperal Sepsis	8	-	8	-	-	-	-	2	2	4	-	-	-	-	-
Other Dis. & Accidents of Preg. & Part.	22	-	22	-	-	-	-	3	12	7	-	-	-	-	-
Diseases of Early Infancy and Malform.	142	84	58	138	3	-	1	-	-	-	-	-	-	-	-
Suicide	22	15	7	-	-	-	-	-	4	4	3	10	1	-	-
Other Violent Deaths	89	62	27	2	11	8	2	9	6	3	18	13	10	7	-
Other Defined Diseases	374	182	192	16	14	3	8	8	19	19	41	62	75	79	30
Causes Ill-defined or Unknown	45	30	15	1	-	-	2	1	-	6	6	13	12	4	-
	2438	1265	1173	298	169	50	33	91	131	154	286	402	478	275	71

DEATHS IN EACH TOWN (corrected for Transfers) – June 1927.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	2	...	...	...	...	...	1	...	1
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	32	11	4	12	...	...	...	2	...
Scarlet Fever	7	3	2	1	...	...	1	...	...
Whooping-cough	54	33	3	8	...	...	...	1	2
Diphtheria	14	6	5	2	...	...	...	...	1
Influenza...	30	16	5	2	1	2	...	1	...
Encephalitis Lethargica	3	2	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	8	6	1	...	1	...	...	...	...
Other Epidemic Diseases	10	5	2	1	...	...	...	1	...
Tuberculosis of Respiratory System ...	174	84	34	13	10	4	4	10	2
Tuberculous Meningitis	31	13	4	...	6	1	2	2	1
Tuber. of Intestines and Peritoneum...	13	9	3	...	...	...	1	...	...
Other Tuberculous Disease	26	12	8	2	...	...	1	2	...
Malignant Tumours	302	131	66	28	18	9	9	9	6
Rheumatic Fever	10	4	2	...	1	...	...	1	1
Meningitis (not Cerebro-spinal or Tuber.)	10	4	1	...	...	1	1	...	...
Apoplexy	198	88	31	18	13	9	7	2	3
Heart Disease	292	130	61	29	20	8	4	5	2
Diseases of Arteries	32	10	4	3	10	1	1	1	...
Bronchitis	99	58	15	8	3	2	1	1	2
Pneumonia (all forms)	223	127	35	15	9	4	7	5	2
Other Diseases of Respiratory System	32	13	8	4	1	1	...	3	...
Diarrhœa and Enteritis (under 2 years)	23	15	2	2	1	...	...	...	...
Appendicitis	16	7	3	2	...	...	1	1	...
All Diseases of Liver (not Malignant)	18	10	1	2	...	2	...	...	1
Nephritis, Acute and Chronic... ...	77	40	17	7	3	...	2	1	...
Puerperal Sepsis	8	5	1	1	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	22	12	4	3	...	1	...	...	1
Dis. of Early Infancy and Malformations	142	65	15	16	10	6	8	3	1
Suicide	22	10	5	...	1	2	...	...	...
Other Violent Deaths	89	40	19	2	10	4	1	3	3
Other Defined Diseases...	374	155	82	37	22	7	12	8	6
Causes Ill-defined or Unknown ...	45	29	4	...	3	...	1	3	2
All Causes ...	2438	1153	447	218	143	64	65	65	37
AGE AT DEATH.									
Under 1	298	154	31	36	17	8	9	6	5
1– 4	169	84	28	21	8	2	5	6	2
5– 9	50	20	7	3	...	...	6	2	...
10–14	33	13	5	2	1	1	3	3	...
15–24	91	44	16	5	3	2	2	5	3
25–34	131	64	22	14	7	1	3	4	3
35–44	154	70	36	9	11	8	1	5	1
45–54	286	152	56	20	13	5	2	9	6
55–64	402	187	72	38	23	12	11	11	6
65–74	478	218	88	41	31	18	13	12	10
75–84	275	115	72	22	21	6	8	1	1
85 and over	71	32	14	7	8	1	2	1	...
All Ages ...	2438	1153	447	218	143	64	65	65	37

DEATHS IN EACH TOWN (corrected for Transfers)—June 1927—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	...	2	1	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...
Whooping-cough	3	1	...	...	2	...	...	1
Diphtheria	...	...	...	...	...	...	...	...
Influenza...	...	...	...	2	1	...	...	...
Encephalitis Lethargica	...	...	...	...	...	...	1	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	...	1	...	...	...
Tuberculosis of Respiratory System ...	5	2	...	...	2	...	2	2
Tuberculous Meningitis	1	...	...	...	...	...	1	...
Tuber. of Intestines and Peritoneum ...	...	...	...	...	...	...	...	...
Other Tuberculous Disease	1	...	...	...	...	...	...	...
Malignant Tumours	2	2	4	1	5	3	4	5
Rheumatic Fever	1	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	1	...	...	1	...	...	...	1
Apoplexy...	2	2	6	1	7	1	5	3
Heart Disease	3	5	3	2	4	5	2	9
Diseases of Arteries	...	...	...	...	1	1	...	...
Bronchitis	1	2	...	2	...	1	1	2
Pneumonia (all forms)	6	2	2	3	1	2	3	...
Other Diseases of Respiratory System	...	...	...	...	...	1	...	1
Diarrhœa and Entiritis (under 2 years)	1	1	...	...	1	...	...	...
Appendicitis	1	...	...	...	...	...	1	...
All Diseases of Liver (not Malignant)	1	1	...	...	...	...	...	...
Nephritis, Acute and Chronic	...	1	2	1	...	2	...	1
Puerperal Sepsis	...	...	1	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	...	...	...	...	1	...	...	...
Dis. of Early Infancy and Malformations	...	2	4	1	5	3	1	2
Suicide	...	1	1	1	1	...	...	...
Other Violent Deaths	1	...	1	1	1	...	2	1
Other Defined Diseases...	10	6	5	8	4	3	5	4
Causes Ill-defined or Unknown ...	2	...	...	...	...	...	1	...
All Causes ...	42	28	31	25	37	22	29	32
AGE AT DEATH.								
Under 1	6	5	4	3	8	3	1	2
1– 4	3	...	2	4	2	...	1	1
5– 9	3	1	1	1	1	2	2	1
10–14	...	1	1	1	1	1	...	...
15–24	1	1	...	2	...	1	4	2
25–34	4	3	...	1	2	1	1	1
35–44	3	1	3	1	3	...	1	1
45–54	4	2	3	2	3	3	3	3
55–64	8	4	3	5	5	5	4	8
65–74	6	4	8	2	10	4	6	7
75–84	2	5	5	3	2	1	5	6
85 and over	2	1	1	...	...	1	1	...
All Ages ...	42	28	31	25	37	22	29	32

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth, During the Month of June 1927.

OBSERVERS.	Height of Barometer above Sea-level.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Station-level and 32°.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A.)	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	AIR TEMPERATURE. Absolute Maximum and Minimum. Day of Month.	AIR TEMPERATURE. Absolute Maximum and Minimum. Minimum.	AIR TEMPERATURE. Absolute Maximum and Minimum. Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Depression of Wet Bulb.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Vapour Pressure.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	RAIN, AND OTHER FORMS OF PRECIPITATION. Total Fall.	RAIN, AND OTHER FORMS OF PRECIPITATION. Difference from Average.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°			°	inch.	per cent.		inch.	inch.									
GLASGOW, Professor J. R. Currie, M.D., The University.	139	29·647	29·801	58·1	45·9	52·0	−3·8	64	15*th*	39	10*th*	52·9	4·7	·278	69	22	3·96	+1·44	4	8	4	8	0	16	12	8	0
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·337	29·816	57·0	44·3	50·7	−3·3	64	12, 17	37	9, 10	50·1	3·4	·275	76	18	2·98	+1·13	4	7	4	3	7	7	16	8	4
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·610	29·790	59·3	43·7	51·5	−3·9	65	12*th*	36	11*th*	51·2	3·3	·290	77	18	2·53	+0·73	0	4	0	18	0	22	0	16	0
ABERDEEN,* The Meterological Office.	90	29·671	29·773	56·0	44·4	50·2	−3·3	65	18*th*	37	11, 15	50·5	3·3	·285	77	25	2·53	+0·82	4	1	9	3	11	4	4	15	9
PAISLEY, The Coats Observatory.	107	29·670	29·809	60·4	45·2	52·8	−4·5	67	15, 17	38	10*th*	52·6	3·7	·303	75	20	4·08	+1·60	3	6	4	3	5	10	19	10	0
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	233	29·563	29·820	57·7	45·9	51·8	−3·7	65	17*th*	38	10*th*	51·6	3·3	·303	77	23	4·64	+1·34	2	3	7	1	7	11	19	10	0
PERTH,† J. Ritchie, The Museum.	22	29·768	29·742	60·5	43·9	52·2	−3·5	66	12*th*	35	11*th*	53·2	3·7	·303	75	16	2·85	+0·88	2	6	4	12	0	23	2	11	0
Means . .	171	29·609	29·800	58·4	44·8	51·6	−3·7	..	..	..	..	51·7	3·6	·291	75	20	3·37	+1·13	3	5	5	7	4	13	10	11	2

North Latitude.—Glasgow, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley, 55° 51′; Greenock, 55° 57; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Glasgow, 4° 17′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46; Perth, 3° 25′; Mean, 3° 36′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

JULY 1927.

Published by Authority of the Registrar-General.

REPORT

During the month of July 1927 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4085 living children, of whom 2112 were males, and 1973 were females. Compared with the number registered in the previous month, that of males is 68 fewer, that of females 72 fewer, and that of both sexes combined 140 fewer. The monthly birth-rate in these towns taken collectively was 20·1 per thousand, which rate is 1·4 less than that of the previous month, and 2·7 less than the July average.

In the individual towns the monthly birth-rates averaged 19·7, and varied from 27·3 in Falkirk, 23·8 in Motherwell and Wishaw, 23·0 in Clydebank, and 22·7 in Coatbridge, to 14·2 in Perth, 15·4 in Kirkcaldy and 16·2 in Aberdeen. In Glasgow this rate was 22·1, in Hamilton 21·7, in Greenock 20·6, in Kilmarnock 20·2, in Paisley 18·6, in Dundee 17·9, in Dunfermline 17·3, in Edinburgh 17·0, and in Ayr 17·0.

Of the 4085 living children whose births were registered during the month, 3826, or 93·7 per cent., were legitimate, while 259, or 6·3 per cent., were illegitimate. The legitimate children of the month numbered 143 fewer than those of the previous month, but the illegitimate children numbered 3 more. The illegitimate rate of the month is 0·2 more than that of the previous month. In the individual towns the illegitimate rate varied from 11·5 per cent. in Aberdeen, 10·0 in Perth, 6·8 in Hamilton and 6·7 in Glasgow, to 3·3 in Clydebank, 3·6 in Kirkcaldy, and 4·7 in Kilmarnock and in Coatbridge.

Marriages registered in these towns during the month numbered 2416, which number is 272 more than in the previous month. The monthly marriage rate was 11·9 per thousand, which is 1·0 more than that of the previous month but 0·3 less than the July average. In the individual towns this rate averaged 10·8, and varied from 16·1 in Falkirk, 14·4 in Dundee, 13·3 in Kilmarnock and 13·0 in Aberdeen, to 4·0 in Ayr, 5·5 in Greenock and 7·6 in Hamilton. In Glasgow the monthly marriage-rate was 12·2, and in Edinburgh 12·4.

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the three preceding years.

Deaths registered in these towns during the month numbered 2512, of whom 1320 were males and 1192 were females. Deducting the deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number of deaths for the month is found to be 2345, and to include those of 1218 males and 1127 females. The corrected number of deaths is 93 less than that of the previous month. The monthly death-rate in these towns taken collectively and based on the corrected number of deaths was 11·5 per thousand. This rate is 0·9 less than that of the previous month and 0·1 less than the July average. The death-rate in the individual towns averaged 10·4, and varied from 14·5 in Dundee, 12·2 in Greenock, and 11·9 in Edinburgh and in Motherwell and Wishaw, to 5·9 in Dunfermline, 8·6 in Clydebank, and 8·8 in Kilmarnock. In Glasgow the monthly death-rate was 11·7, in Paisley 11·5, in Aberdeen 11·0, in Coatbridge 9·9, in Falkirk 9·9, in Perth 9·9, in Kirkcaldy 9·5, in Ayr 9·3 and in Hamilton 9·1.

Deaths of children of less than one year old numbered 307, and equalled an infantile mortality rate of 71 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths numbered 9 more than in the previous month, but the infantile mortality rate is the same as in that month, while it is 1 above the July average. In the individual towns the monthly infantile mortality rate averaged 58, and varied from 98 in Dundee, 87 in Aberdeen, 83 in Greenock, and 80 in Coatbridge, to 16 in Kilmarnock, 20 in Perth, 32 in Falkirk and 33 in Dunfermline. in Glasgow this rate was 79, in Clydebank 67, in Ayr 67, in Hamilton 64, in Kirkcaldy 62, in Edinburgh 54, in Paisley 50, and in Motherwell and Wishaw 38.

Deaths from the principal epidemic diseases numbered 147, and equalled a death-rate of 0·7 per thousand. These deaths collectively numbered 15 more than in the previous month, and 4 more than the July average. They include 46 from measles, 5 from scarlet fever, 44 from whooping-cough, 15 from diphtheria, and 37 from the diarrhœas of childhood. Compared with the number in the previous month deaths from the diarrhœas of childhood are 14 more, from measles 14 more, and from diphtheria 1 more, while those from scarlet fever are 2 fewer, and from whooping-cough 10 fewer. In this month no deaths from enteric fever were recorded in these towns. In the previous month there were 2.

Deaths from influenza in all numbered 15, which number is 15 less than in the previous month.

Deaths from respiratory diseases other than phthisis, but exclusive of those associated with influenza, numbered 293, which is 61 fewer than in the previous month. These deaths equal a death-rate of 1·4 per thousand, which rate is 0·4 less than that of the previous month, but is the same as the July average.

Deaths from all forms of tuberculous disease numbered 215, of which 154 were ascribed to tuberculosis of the respiratory system. The former number is 29 less than in the previous month, and 11 less than the July average. The latter number is 20 less than in the previous month, but is 4 above the July average.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

JULY 1927.

Mean barometric pressure, 29·852 in.; less than the average of 1881-1915 by 0·048 in.

Mean temperature, 59°·4; greater by 1°·5.

Mean daily range of temperature, 12°·6; less by 1°·7.

Rain, depth in inches, 3·23; greater by 0·24 in.

Wind, direction of: a 7 days' excess of winds from between N.E. and S.E.

Except from about 15th to 19th, when an anticyclone drifted north-eastwards, conditions were unsettled; but most of the disturbances of the month kept well to the south, so that easterly winds were much in evidence in Scotland. Various "secondaries" were associated with frequent thunderstorms in many districts. At Edinburgh, at mean sea-level, the extremes were 30·33 in. on 16th, and 29·40 in. on 27th.

Following an abnormally cold June, the mean temperature of the month was appreciably above the normal, a result largely due to the frequent occurrence of decidedly warm nights. Highest readings were recorded in most districts on 10th and 17th (82° at Ruthwell on 10th); and lowest on 1st and 2nd, between 16th and 18th, or on 29th (37° at Braemar and West Linton on 17th). The daily range of temperature was frequently small or moderate, but high on one or two days during the anticyclonic period and on 29th.

Towards north-west, in extreme north, and in north-east, rainfall was deficient, with little more than one-third of the normal at Gordon Castle and hardly half the normal at Wick. Elsewhere, with much of the month's rainfall of thunderstorm origin, the distribution was irregular, with a deficiency here and there, but at Blair Atholl and Dumfries more than twice the normal. In the extreme north hardly any rain fell until 20th, and at Kirkwall about half of the month's moderate total of 1·23 in. was accounted for on that day. From 3rd to 7th conditions were unsettled in most districts, with some heavy local falls on 5th (2·14 in. at Pitlochry), and on 10th and 13th some limited areas had heavy falls (1·15 in. at Grantown-on-Spey on 13th). After a few fine days in all districts conditions became generally unsettled on 20th, and remained more or less so until the end of the month, with some heavy, but often curiously local, falls on 20th, 21st, 27th and 28th. Thus on 21st, Roseneath (Dumbartonshire) had 2·95 in., nearly the whole of which fell within three hours, but Arrochar only 0·19 in.

Thunderstorms occurred over limited or more or less wide areas on as many as 21 days:—on 2nd, and on each day from 4th to 7th, from 9th to 14th, from 20th to 23rd, and from 26th onwards. Wide districts in north-west and north escaped entirely. The most general storm, from Inverness southwards, was experienced on 21st, when serious flooding occurred in the Glasgow area. Others of importance occurred on 5th in north-east and east; on 10th rather widely, from Nairn southwards; on 11th and 13th rather widely; and on 27th over considerable areas from Blair Atholl southwards. At times intense and very local "cloudbursts" were experienced, as in Strathspey on 10th, near Dalmellington on 11th, and at Roseneath on 21st.

Dense fog occurred on the north-east coast around 7th and 22nd.

Sunshine aggregates were above the normal in north-west and north; at Aberdeen decidedly deficient; and at Edinburgh about equal to the normal.

An aurora was observed at Kirkwall on 29th.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 56.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, July 1927.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		Total Corrected.
	Census 1921.	Estimated to middle of 1927.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	
GLASGOW,	1,051,518	1,049,000	1063	910	1973	1841	132	1089	629	492	1121	131	55	1045
EDINBURGH,	420,264	426,100	311	303	614	583	31	449	231	254	485	69	16	432
DUNDEE,	168,315	170,800	128	132	260	243	17	209	114	108	222	15	3	210
ABERDEEN,	158,963	158,300	120	98	218	193	25	175	75	85	160	30	18	148
PAISLEY,	84,837	86,200	71	65	136	129	7	93	45	48	93	14	5	84
GREENOCK,	81,123	81,900	58	85	143	134	9	38	40	43	83	4	6	85
MOTHERWELL AND WISHAW,	68,869	71,200	64	80	144	137	7	61	27	29	56	1	17	72
CLYDEBANK,	46,601	46,700	43	48	91	88	3	49	9	14	23	0	11	34
COATBRIDGE,	43,919	44,000	49	36	85	81	4	35	20	14	34	1	4	37
DUNFERMLINE,	39,899	36,200	31	22	53	50	3	29	11	12	23	6	1	18
KIRKCALDY,	39,591	42,000	26	29	55	53	2	28	18	16	34	1	1	34
HAMILTON,	39,504	40,100	35	39	74	69	5	26	18	11	29	5	7	31
KILMARNOCK,	35,911	37,300	31	33	64	61	3	42	17	18	35	10	3	28
AYR,	35,763	38,200	23	32	55	52	3	13	27	17	44	15	1	30
FALKIRK,	33,308	34,500	44	36	80	76	4	47	17	13	30	5	4	29
PERTH,	33,208	33,200	15	25	40	36	4	33	22	18	40	13	1	28
Total (Sixteen Towns)	2,381,593	2,395,700	2112	1973	4085	3826	259	2416	1320	1192	2512	320	153	2345

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, July 1927.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	22·1	6·7	12·2	12·6	11·7	0·8	1·4	0·9	1·7	159	79
EDINBURGH,	17·0	5·0	12·4	13·4	11·9	0·4	1·0	0·8	1·4	35	54
DUNDEE,	17·9	6·5	14·4	15·3	14·5	2·6	1·0	0·9	1·7	30	98
ABERDEEN,	16·2	11·5	13·0	11·9	11·0	0·2	0·5	0·2	1·2	24	87
PAISLEY,	18·6	5·1	12·7	12·7	11·5	0·3	1·0	1·0	0·5	8	50
GREENOCK,	20·6	6·3	5·5	11·9	12·2	0·1	1·4	1·1	1·0	13	83
MOTHERWELL AND WISHAW,	23·8	4·9	10·1	9·3	11·9	0·2	1·0	0·7	1·3	5	38
CLYDEBANK,	23·0	3·3	12·4	5·8	8·6	1·0	0·5	0·3	0·8	6	67
COATBRIDGE,	22·7	4·7	9·4	9·1	9·9	0·5	1·1	1·1	1·6	8	80
DUNFERMLINE,	17·3	5·7	9·4	7·5	5·9	0·7	0·0	0·0	1·3	2	33
KIRKCALDY,	15·4	3·6	7·8	9·5	9·5	0·3	0·3	0·0	0·8	4	62
HAMILTON,	21·7	6·8	7·6	8·5	9·1	0·6	0·3	0·0	1·5	5	64
KILMARNOCK,	20·2	4·7	13·3	11·1	8·8	0·0	0·6	0·6	0·9	1	16
AYR,	17·0	5·5	4·0	13·6	9·3	0·6	0·0	0·0	1·2	4	67
FALKIRK,	27·3	5·0	16·1	10·2	9·9	0·7	0·7	0·7	1·0	2	32
PERTH,	14·2	10·0	11·7	14·2	9·9	1·1	0·7	0·0	1·1	1	20
Total (Sixteen Towns)	20·1	6·3	11·9	12·3	11·5	0·7	1·1	0·8	1·4	307	71

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR JULY 1927, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							Infantile Mortality Rate.	Mean Temperature. Seven Towns only).
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
JULY 1927, .	**20·1**	**6·3**	**11·9**	**11·5**	**0**	**0**	**46**	**5**	**44**	**15**	**37**	**71**	**59°·4**
JULY 1926, .	22·2	6·4	11 6	11 2	1	0	14	15	26	10	41	65	60°·4
JULY 1925, .	23·4	6·6	12·2	11·4	3	0	12	19	69	10	53	78	60°·2
JULY 1924, .	22·8	6·5	12·4	11·7	1	0	25	15	52	21	42	65	57°·4
JULY 1923, .	24·2	7·3	13·7	11·3	2	0	30	12	35	15	44	65	59°·8
JULY 1922, .	25·2	6 6	12·7	11·4	1	0	63	6	39	18	50	62	55°·2
JULY 1921, .	26·0	7·3	12 6	11·2	5	0	6	16	52	17	88	70	60°·5
JULY 1920, .	28·7	7·8	17 8	12·1	5	30	19	7	15	15	59	71	55°·8
JULY 1919, .	21·3	8 9	16·8	11·1	3	0	48	4	53	20	32	78	57°·0
JULY 1918, .	22·1	9·5	12·3	15·7	10	0	44	9	72	27	42	85	57°·8
JULY 1917, .	21·1	8·1	10·4	13·2	2	0	121	9	141	14	42	83	59° 1

Figures in columns 5-13 have been corrected for non-resident deaths.

* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS July 1927.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over
nteric Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
yphus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
mall-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
easles	46	28	18	14	32	–	–	–	–	–	–	–	–	–	–
arlet Fever	5	3	2	–	2	1	1	–	–	–	1	–	–	–	–
hooping-cough	44	20	24	22	18	3	–	–	–	–	–	–	–	1	–
iphtheria	15	8	7	1	8	6	–	–	–	–	–	–	–	–	–
fluenza	15	8	7	1	–	1	–	–	1	1	3	4	1	3	–
ncephalitis Lethargica	5	3	2	–	–	–	–	1	1	1	2	–	–	–	–
erebro-spinal Meningitis	7	7	–	2	2	–	3	–	–	–	–	–	–	–	–
her Epidemic Diseases	7	4	3	3	1	–	–	–	–	–	1	1	–	1	–
uberculosis of Respiratory System	154	81	73	1	4	5	1	32	39	24	28	14	4	2	–
uberculous Meningitis	28	12	16	2	12	4	3	6	1	–	–	–	–	–	–
uberculosis of Intestines and Peritoneum	15	8	7	2	3	3	1	2	–	2	1	1	–	–	–
her Tuberculous Disease	18	14	4	–	3	2	2	4	3	–	1	2	1	–	–
alignant Tumours	283	124	159	–	–	–	–	3	2	18	50	75	89	42	4
heumatic Fever	11	6	5	–	–	2	1	4	1	–	2	–	1	–	–
eningitis (not Cer.-spin. or Tuberc.)	10	4	6	3	3	1	1	–	–	1	–	–	1	–	–
poplexy	228	93	135	–	–	–	–	–	1	4	25	49	94	49	6
eart Disease	291	149	142	–	–	1	2	12	9	17	23	65	99	49	14
iseases of Arteries	32	20	12	–	–	–	–	–	–	–	3	4	11	9	5
ronchitis	87	52	35	7	2	–	–	1	3	6	3	16	25	15	9
neumonia (all forms)	187	121	66	36	32	3	1	5	6	12	26	29	26	9	2
ther Diseases of Respiratory System	19	13	6	2	–	–	–	–	1	2	2	3	7	1	1
iarrhœa and Enteritis (under 2 years)	37	26	11	33	4	–	–	–	–	–	–	–	–	–	–
ppendicitis	15	9	6	–	–	3	1	3	–	1	1	1	4	1	–
ll Diseases of Liver (not Malignant)	13	7	6	1	–	1	–	–	–	–	4	2	4	1	–
ephritis, Acute and Chronic	58	30	28	–	1	2	–	2	3	3	10	16	14	7	–
uerperal Sepsis	10	–	10	–	–	–	–	1	6	3	–	–	–	–	–
ther Dis. & Accidents of Preg. & Part.	16	–	16	–	–	–	–	2	6	8	–	–	–	–	–
iseases of Early Infancy and Malform.	146	86	60	145	1	–	–	–	–	–	–	–	–	–	–
uicide	37	25	12	–	–	–	–	7	4	2	8	14	2	–	–
ther Violent Deaths	90	66	24	3	15	8	4	13	8	6	12	6	7	6	2
ther Defined Diseases	384	172	212	28	20	5	7	13	18	26	38	49	70	81	29
auses Ill-defined or Unknown	32	19	13	1	1	–	–	–	3	1	4	10	7	5	–
	2345	1218	1127	307	164	51	28	111	116	138	248	361	467	282	72

DEATHS IN EACH TOWN (corrected for Transfers)—July 1927.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	...	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	46	9	3	28	...	...	...	...	2
Scarlet Fever	5	1	1	1	1	...	...	1	...
Whooping-cough	44	32	2	4	...	1	...	...	1
Diphtheria	15	2	5	3	1	...	...	...	1
Influenza...	15	6	2	...	...	3	1	2	...
Encephalitis Lethargica	5	2	1	...	...	...	1	1	...
Cerebro-spinal Meningitis	7	3	2	...	...	...	...	2	...
Other Epidemic Diseases	7	5	1	...	1	...	...	...	...
Tuberculosis of Respiratory System ...	154	80	30	13	3	7	8	4	1
Tuberculous Meningitis	28	21	3	1	...	...	...	1	1
Tuber. of Intestines and Peritoneum...	15	8	2	1	2	...	1	...	...
Other Tuberculous Disease	18	12	...	...	2	...	1	1	...
Malignant Tumours	283	127	50	22	18	15	7	7	5
Rheumatic Fever	11	5	4	...	...	1	...	1	...
Meningitis (not Cerebro-spinal or Tuber.)	10	4	1	1	...	1	2	1	...
Apoplexy	228	95	45	15	21	9	7	5	3
Heart Disease	291	104	61	35	20	15	10	7	3
Diseases of Arteries	32	6	9	3	4	...	2	1	1
Bronchitis	87	42	13	6	8	...	...	3	1
Pneumonia (all forms)	187	98	33	17	7	3	7	5	2
Other Diseases of Respiratory System	19	9	5	1	1	1	...	...	...
Diarrhœa and Enteritis (under 2 years)	37	25	5	1	1	1	1	...	...
Appendicitis	15	5	5	1	1	...	...	...	...
All Diseases of Liver (not Malignant)	13	8	3	1	...	...	...	...	...
Nephritis, Acute and Chronic... ...	58	29	14	3	2	2	3	1	2
Puerperal Sepsis	10	6	2	...	...	...	...	1	...
Other Diseases and Accidents of Pregnancy and Parturition	16	5	4	1	...	...	1	3	...
Dis. of Early Infancy and Malformations	146	65	22	10	13	6	7	5	4
Suicide	37	11	8	5	3	1	1	2	...
Other Violent Deaths	90	52	8	3	6	3	3	2	2
Other Defined Diseases...	384	153	84	32	31	14	19	14	5
Causes Ill-defined or Unknown ...	32	15	4	2	2	1	3	2	...
All Causes ...	2345	1045	432	210	148	84	85	72	34
AGE AT DEATH.									
Under 1	307	159	35	30	24	8	13	5	6
1– 4	164	78	21	31	4	2	5	4	6
5– 9	51	25	8	2	4	3	1	2	...
10–14	28	14	1	3	3	...	...	4	...
15–24	111	50	20	10	1	7	6	5	...
25–34	116	55	29	6	2	5	3	4	...
35–44	138	67	19	8	5	6	7	7	4
45–54	248	111	49	11	15	6	7	12	5
55–64	361	171	69	30	22	17	12	7	3
65–74	467	204	98	44	29	10	18	11	5
75–84	282	93	62	23	30	18	10	9	3
85 and over	72	18	21	12	9	2	3	2	2
All Ages ...	2345	1045	432	210	148	84	85	72	34

DEATHS IN EACH TOWN (corrected for Transfers)—July 1927—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	1	1	1	1	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...
Whooping-cough	...	1	...	...	...	1	...	2
Diphtheria	...	...	...	...	...	...	2	1
Influenza...	...	...	...	...	...	...	...	1
Encephalitis Lethargica	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	4	...	...	...	2	...	2	...
Tuberculous Meningitis	...	...	...	...	...	...	...	1
Tuber. of Intestines and Peritoneum ...	...	...	1	...	...	...	...	...
Other Tuberculous Disease	...	...	...	1	...	...	...	1
Malignant Tumours	5	5	1	4	4	6	3	4
Rheumatic Fever	...	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	...	...	...	...	...	...	...	...
Apoplexy...	1	2	5	5	5	3	3	4
Heart Disease	2	3	5	7	7	5	3	4
Diseases of Arteries	...	...	1	...	...	1	...	4
Bronchitis	2	2	1	3	1	3	1	1
Pneumonia (all forms)	4	2	2	2	2	1	1	1
Other Diseases of Respiratory System	...	...	...	...	...	...	1	1
Diarrhœa and Entiritis (under 2 years)	1	...	...	1	...	1	...	...
Appendicitis	1	...	...	1	...	...	1	...
All Diseases of Liver (not Malignant)	1	...	...	...	...	...	...	...
Nephritis, Acute and Chronic	...	...	1	...	...	...	1	...
Puerperal Sepsis	1	...	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	1	...	...	...	...	...	1	...
Dis. of Early Infancy and Malformations	7	...	3	1	...	2	1	...
Suicide	...	...	...	1	1	2	2	...
Other Violent Deaths	2	...	3	...	1	2	1	2
Other Defined Diseases...	4	2	9	4	5	3	4	1
Causes Ill-defined or Unknown ...	...	...	1	...	...	...	2	...
All Causes ...	37	18	34	31	28	30	29	28
AGE AT DEATH.								
Under 1	8	2	4	5	1	4	2	1
1– 4	4	1	2	1	1	1	1	2
5– 9	1	...	...	1	1	...	1	2
10–14	2	...	1	...	...	...	...	...
15–24	2	1	2	3	2	...	1	1
25–34	3	...	1	2	2	2	1	1
35–44	2	1	2	2	1	3	3	1
45–54	2	...	10	5	1	3	8	3
55–64	6	4	1	5	4	2	3	5
65–74	5	5	7	4	8	8	6	5
75–84	2	2	4	3	7	7	3	6
85 and over	...	2	...	...	...	...	...	1
All Ages ...	37	18	34	31	28	30	29	28

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth,

During the Month of July 1927.

OBSERVERS.	Height of Barometer above Sea-level.	AIR PRESSURE at 9 A.M. and 9 P.M.		AIR TEMPERATURE.								HYGROMETER.				RAIN, AND OTHER FORMS OF PRECIPITATION.			WIND DIRECTIONS.								
				Mean of				Absolute Maximum and Minimum.				Mean at 9 A.M. and 9 P.M.							Number of Observations at 9 A.M. and 9 P.M.								
		Mean at Station-level and 32°.	Mean at Sea-Level and 32°.	Maximum (A.)	Minimum (B.)	Mean of A and B (Mean Temperature).	Difference from Average.	Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	Number of Days.	Total Fall.	Difference from Average.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°			°	inch.	per cent.		inch.	inch.									
GLASGOW, Professor J. R. Currie, M.D., The University.	139	29·697	29·847	66·3	54·0	60·1	+2·1	73	17*th*	50	2, 17	60·0	3·7	·408	79	20	4·03	+0·94	0	6	14	14	6	8	10	2	2
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·393	29·864	63·9	52·3	58·1	+1·2	72	10*th*	47	2, 17	56·9	2·6	·393	84	14	2·22	−0·41	1	11	14	6	13	3	6	3	5
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·676	29·853	65·8	52·4	59·1	+0·7	78	10*th*	46	2*nd*	57·7	2·3	·416	85	15	2·17	−0·57	0	4	0	32	0	11	8	7	0
ABERDEEN,* The Meterological Office.	90	29·752	29·851	62·5	52·5	57·5	+0·9	73	10*th*	48	16*th*	56·9	2·4	·400	85	12	1·88	−0·93	13	3	1	8	20	1	1	6	9
PAISLEY, The Coats Observatory.	107	29·731	29·847	67·6	54·2	60·9	+1·6	76	17*th*	50	2, 18	59·8	3·1	·426	81	20	4·06	+1·20	0	11	13	6	11	6	5	5	5
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	238	29·606	29·858	65·5	54·0	59·7	+2·1	71	14, 17	51	1, 2, 17, 18	58·5	3·1	·410	81	21	4·75	+0·83	3	8	12	5	13	3	14	3	1
PERTH,† J. Ritchie, The Museum.	22	29·819	29·843	68·6	52·6	60·6	+2·2	78	10*th*	43	2*nd*	60·2	3·0	·428	82	20	3·50	+0·61	0	5	15	18	8	11	3	2	0
Means . .	171	29·668	29·852	65·7	53·1	59·4	+1·5	..	..	..	..	58·6	2·9	·412	82	17	3·23	+0·24	2	7	10	13	10	6	7	4	3

North Latitude.—Glasgow, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley, 55° 51′; Greenock, 55° 57′; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Glasgow, 4° 17′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46′; Perth, 3° 25′; Mean, 3° 36′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

AUGUST 1927.

Published by Authority of the Registrar-General.

REPORT

During the month of August 1927 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4132 living children, of whom 2142 were males, and 1990 were females. Compared with the numbers registered in the previous month, that of males is 30 more, that of females 17 more, and that of both sexes combined 47 more. The monthly birth-rate in these towns taken collectively was 20·3 per thousand, which rate is 0·2 more than in the previous month, but 0·8 less than the August average.

In the individual towns the monthly birth-rates averaged 19·4, and varied from 24·3 in Coatbridge, 22·1 in Glasgow and 21·4 in Clydebank, to 13·5 in Kirkcaldy, 16·9 in Dunfermline, 17·6 in Edinburgh and in Ayr, and 17·7 in Perth. In Hamilton it was 20·8, in Greenock 20·6, in Falkirk 20·5, in Paisley and in Motherwell and Wishaw 20·2, in Aberdeen 19·8, in Dundee 19·2, and in Kilmarnock 18·3.

Of the 4132 living children whose births were registered during the month, 3878, or 93·9 per cent., were legitimate, while 254, or 6·1 per cent., were illegitimate. The legitimate births number 52 more than in the previous month, but the illegitimate births number 5 fewer. The illegitimate rate is 0·2 less than in the previous month. In the individual towns the illegitimate rate ranged from 8·2 in Edinburgh, 7·7 in Dunfermline, 7·5 in Aberdeen and 7·4 in Motherwell and Wishaw, to 2·8 in Hamilton, 3·3 in Coatbridge and 3·4 in Kilmarnock.

Marriages registered in these towns during the month numbered 1553, and are 863 fewer than in the previous month. The monthly marriage rate was 7·6 per thousand, which is 4·3 less than in the previous month, but is 0·4 above the August average. In the individual towns the marriage-rates averaged 6·7, and ranged from 12·4 in Perth, 11·0 in Edinburgh and 9·0 in Aberdeen, to 3·3 in Motherwell and Wishaw, 3·5 in Clydebank, 4·5 in Greenock and 4·8 in Dundee. In Glasgow this rate was 7·6.

Deaths registered in these towns during the month numbered 2461, of which 1308

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the three preceding years.

were of males and 1153 were of females. Deducting the deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number of deaths for the month is found to be 2321, and to include those of 1230 males and of 1091 females. The corrected number of deaths is 24 less than in the previous month. The monthly death-rate in these towns taken collectively and based on the corrected number of deaths was 11·4 per thousand. This rate is 0·1 less than in the previous month but is 0·4 above the August average. The death-rates in the individual towns averaged 10·6, and ranged from 15·4 in Dundee, 12·7 in Ayr, 11·8 in Kirkcaldy, 11·7 in Aberdeen and 11·6 in Glasgow and in Edinburgh, to 7·9 in Falkirk, 8·3 in Clydebank and 9·0 in Paisley. In Coatbridge it was 11·0, in Dunfermline and in Kilmarnock 10·4, in Hamilton 9·7, in Perth 9·6, in Motherwell and Wishaw 9·3 and in Greenock 9·1.

Deaths of children of less than one year old numbered 290, and equalled an infantile mortality rate of 67 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths numbered 17 fewer than in the previous month, and the infantile mortality rate is 4 less than in that month, and 10 less than the August average. In the individual towns the infantile mortality rates averaged 61, and ranged from 100 in Ayr, 92 in Dundee, 78 in Kirkcaldy, 76 in Aberdeen, and 70 in Glasgow, to 17 in Dunfermline, 20 in Coatbridge and 39 in Perth. In Hamilton and in Kilmarnock it was 65, in Edinburgh, in Paisley and in Falkirk 63, in Greenock 58, in Motherwell and Wishaw 54 and in Clydebank 45.

Deaths from the principal epidemic diseases numbered 164, and equalled a death-rate of 0·8 per thousand. These deaths collectively numbered 17 more than in the previous month, and 3 more than the August average. They include 52 deaths from whooping-cough, 45 from measles, 38 from the diarrhœas of childhood, 20 from diphtheria, 7 from scarlet fever, and 2 from enteric fever. Compared with the numbers in the previous month deaths from whooping-cough are 8 more, from diphtheria 5 more, from enteric fever and from scarlet fever each 2 more, and from the diarrhœas of childhood 1 more, while those from measles are 1 fewer.

Deaths from influenza in all numbered 8, which is 7 fewer than in the previous month.

Deaths from respiratory diseases other than phthisis, but exclusive of those associated with influenza, numbered 255, which is 38 fewer than in the previous month. These deaths equal a death-rate of 1·3 per thousand, which is 0·1 below that for the previous month, but is 0·1 above the August average.

Deaths from all forms of tuberculous disease numbered 214, of which 161 were ascribed to tuberculosis of the respiratory system. The former number is 1 less than in the previous month, and 4 less than the August average. The latter number is 7 more than in the previous month, and 13 more than the August average.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

AUGUST 1927.

Mean barometric pressure, 29·757 in.; less than the average of 1881-1915 by 0·102 in.

Mean temperature, 58°·5; greater by 1°·3.

Mean daily range of temperature, 12°·0; less by 1°·9.

Rain, depth in inches, 5·56; greater by 1·87 in.

Wind, direction of: a 4 days' excess of winds from between N.E. and S.E.

With a large anticyclone moving across our islands, pressure increased rapidly during the first few days, and temperature rose considerably; but from 5th onwards, with the passage of a series of complex depressions over the British Isles, conditions were very unsettled and remained so until near the end of the month, when a high pressure system was again established.

As in the preceding month, temperature was again considerably above the normal, a result partly due to the comparative mildness of the nights. Highest readings were generally recorded on or around 5th or 6th (76° at Dumfries and Turnberry on 6th); and lowest on 16th or 25th (30° at Braemar on 25th).

In the north and north-west there was a decided deficiency in rainfall, this being particularly marked in Orkney and Shetland, where the month's total was less than half the normal, while the remainder of Scotland, except for a small district in the south-west, had aggregates much above the normal. With the greater part of the rainfall of thunderstorm origin, exceptionally heavy falls due to local "cloudbursts" were recorded in many districts, particularly from 5th to 12th (3·46 in. at Invermearn, Glen Lyon, on 5th, 2·27 in. at Pitlochry on 9th, and 2·22 in. at Marchmont on 8th).

The rainstorms of 8th and 9th were of unusual intensity in Central Perthshire and the Lothians. At Edinburgh the rainfall total for the month was 6·79 in., an amount which is the highest recorded in August for 50 years. Conditions were generally unsettled until the last few days of the month, and further heavy, though curiously local, falls occurred over limited areas in the South.

Thunderstorms occurred over limited or more or less wide areas on as many as 21 days:—on 1st, and on each day from 4th to 13th, from 17th to 19th, from 21st to 24th, and on 26th, 28th and 30th. The most general storms were those of 5th and 9th, which involved the greater portion of Scotland south of the Caledonian Canal, and resulted in serious flooding in Central Perthshire and the Lothians. Others of importance occurred on 21st in north and north-east; and on 23rd in south and south-west.

Sunshine aggregates were above the normal in north-west and north, and decidedly below the normal in south and south-east.

Aurora was observed on 17th, 20th, 21st, 27th, 29th and 31st.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 64.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, August 1927.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		Total Corrected.
	Census 1921.	Estimated to middle of 1927.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	
GLASGOW,	1,051,518	1,049,000	1031	934	1965	1848	117	675	572	517	1089	116	57	1030
EDINBURGH,	420,264	426,100	342	295	637	585	52	398	257	214	471	71	21	421
DUNDEE,	168,315	170,800	131	148	279	264	15	69	112	118	230	12	5	223
ABERDEEN,	158,963	158,300	146	120	266	246	20	121	95	83	178	39	18	157
PAISLEY,	84,837	86,200	61	87	148	141	7	42	38	35	73	12	5	66
GREENOCK,	81,123	81,900	69	74	143	136	7	31	37	31	68	5	0	63
MOTHERWELL AND WISHAW,	68,869	71,200	58	64	122	113	9	20	29	21	50	0	6	56
CLYDEBANK,	46,601	46,700	41	44	85	80	5	14	9	6	15	0	18	33
COATBRIDGE,	43,919	44,000	50	41	91	88	3	19	21	13	34	1	8	41
DUNFERMLINE,	39,899	36,200	26	26	52	48	4	26	20	15	35	6	3	32
KIRKCALDY,	39,591	42,000	24	24	48	46	2	19	23	16	39	2	5	42
HAMILTON,	39,504	40,100	39	32	71	69	2	19	10	17	27	0	6	33
KILMARNOCK,	35,911	37,300	31	27	58	56	2	27	24	13	37	8	4	33
AYR,	35,763	38,200	35	22	57	54	3	17	31	21	52	12	1	41
FALKIRK,	33,308	34,500	35	25	60	56	4	21	14	11	25	6	4	23
PERTH,	33,208	33,200	23	27	50	48	2	35	16	22	38	14	3	27
TOTAL (SIXTEEN TOWNS)	2,381,593	2,395,700	2142	1990	4132	3878	254	1553	1308	1153	2461	304	164	2321

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, August 1927.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	22·1	6·0	7·6	12·2	11·6	0·8	1·1	0·8	1·4	141	70
EDINBURGH,	17·6	8·2	11·0	13·0	11·6	0·4	1·3	1·0	1·2	41	63
DUNDEE,	19·2	5·4	4·8	15·9	15·4	2·8	1·5	1·1	1·5	28	92
ABERDEEN,	19·8	7·5	9·0	13·2	11·7	0·1	0·7	0·6	0·9	21	76
PAISLEY,	20·2	4·7	5·7	10·0	9·0	0·4	0·7	0·5	1·4	10	63
GREENOCK,	20·6	4·9	4·5	9·8	9·1	0·4	1·0	0·7	0·7	9	58
MOTHERWELL AND WISHAW,	20·2	7·4	3·3	8·3	9·3	0·7	1·0	0·5	1·5	7	54
CLYDEBANK,	21·4	5·9	3·5	3·8	8·3	1·8	1·0	0·5	0·5	4	45
COATBRIDGE,	24·3	3·3	5·1	9·1	11·0	0·0	1·1	0·5	0·8	2	20
DUNFERMLINE,	16·9	7·7	8·5	11·4	10·4	0·3	0·7	0·7	0·3	1	17
KIRKCALDY,	13·5	4·2	5·3	10·9	11·8	0·8	0·6	0·3	1·1	5	78
HAMILTON,	20·8	2·8	5·6	7·9	9·7	1·2	0·3	0·3	0·9	5	65
KILMARNOCK,	18·3	3·4	8·5	11·7	10·4	0·9	0·9	0·6	1·3	4	65
AYR,	17·6	5·3	5·2	16·0	12·7	1·2	1·2	0·3	1·2	6	100
FALKIRK,	20·5	6·7	7·2	8·5	7·9	0·3	0·3	0·3	1·0	4	63
PERTH,	17·7	4·0	12·4	13·5	9·6	0·7	0·7	0·4	1·4	2	39
TOTAL (SIXTEEN TOWNS)	20·3	6·1	7·6	12·1	11·4	0·8	1·1	0·8	1·3	290	67

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR AUGUST 1927, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. Seven Towns only).
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
AUG. 1927, .	**20·3**	**6·1**	**7·6**	**11·4**	**2**	**0**	**45**	**7**	**52**	**20**	**38**	**67**	**58°·5**
AUG. 1926 .	20·7	6·2	7·1	10·8	2	0	5	7	16	13	76	61	59°·1
AUG. 1925, .	20·8	6·8	7·4	11·2	3	0	3	14	58	16	101	78	58°·4
AUG. 1924, .	21·6	7·0	6·9	10·8	0	0	20	18	48	21	62	77	56°·2
AUG. 1923, .	23·2	7·1	7·7	10·7	4	0	28	17	31	8	58	58	56°·5
AUG. 1922, .	24·1	6·5	7·5	10·5	0	0	26	4	28	18	35	54	54°·8
AUG. 1921, .	26·2	7·7	8·7	12·8	2	0	6	14	37	13	213	105	56°·1
AUG. 1920, .	27·5	9·0	10·6	11·9	3	13	6	11	26	18	85	69	55°·5
AUG. 1919, .	21·0	9·6	9·9	10·3	5	0	23	8	21	26	104	88	57°·6
AUG. 1918, .	19·8	9·8	8·1	10·7	8	0	10	5	44	23	129	89	58°·5
AUG. 1917, .	19·3	8·9	7·2	11·5	0	0	38	5	57	13	161	93	58°·8

Figures in columns 5-13 have been corrected for non-resident deaths.

* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—August 1927.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over
teric Fever	2	1	1	-	-	-	-	-	-	-	1	1	-	-	-
phus Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
all-pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
easles	45	25	20	16	29	-	-	-	-	-	-	-	-	-	-
arlet Fever	7	3	4	1	3	1	1	1	-	-	-	-	-	-	-
hooping-cough	52	25	27	22	30	-	-	-	-	-	-	-	-	-	-
phtheria	20	6	14	1	12	5	2	-	-	-	-	-	-	-	-
fluenza	8	4	4	-	-	-	-	-	2	1	-	3	1	-	1
cephalitis Lethargica	8	5	3	-	-	1	-	2	1	-	1	3	-	-	-
rebro-spinal Meningitis	9	5	4	6	2	-	-	-	-	1	-	-	-	-	-
her Epidemic Diseases	5	4	1	3	1	-	-	-	-	-	-	-	-	-	1
berculosis of Respiratory System	161	87	74	-	5	3	5	38	46	22	27	8	7	-	-
berculous Meningitis	21	13	8	1	10	3	-	3	1	2	1	-	-	-	-
berculosis of Intestines and Peritoneum	11	5	6	1	3	-	1	4	1	1	-	-	-	-	-
her Tuberculous Disease	21	9	12	2	2	2	2	5	2	3	2	-	-	1	-
alignant Tumours	316	148	168	-	-	-	-	1	8	22	65	96	87	34	3
eumatic Fever	7	5	2	-	-	2	-	1	-	1	1	-	2	-	-
eningitis (not Cer.-spin. or Tuberc.)	24	12	12	4	12	5	-	-	-	2	-	-	1	-	-
oplexy	224	101	123	-	-	-	-	2	1	1	12	55	80	64	9
eart Disease	270	148	122	1	-	-	2	4	6	25	37	62	70	49	14
seases of Arteries	38	26	12	-	-	-	-	-	-	1	1	7	13	15	1
onchitis	64	42	22	6	3	-	1	-	-	3	4	15	18	9	5
eumonia (all forms)	167	101	66	34	43	3	4	6	5	11	15	16	18	10	2
her Diseases of Respiratory System	24	13	11	3	1	-	-	2	2	3	4	1	3	3	2
arrhœa and Enteritis (under 2 years)	38	20	18	31	7	-	-	-	-	-	-	-	-	-	-
ppendicitis	14	10	4	-	2	2	1	2	2	1	3	1	-	-	-
l Diseases of Liver (not Malignant)	18	3	15	-	-	-	-	-	1	1	7	2	3	4	-
ephritis, Acute and Chronic	73	33	40	-	2	-	1	-	4	2	22	17	18	5	2
erperal Sepsis	10	-	10	-	-	-	-	2	4	4	-	-	-	-	-
her Dis. & Accidents of Preg. & Part.	16	-	16	-	-	-	-	1	7	8	-	-	-	-	-
seases of Early Infancy and Malform.	139	76	63	136	2	1	-	-	-	-	-	-	-	-	-
icide	27	19	8	-	-	-	-	2	2	7	8	5	3	-	-
her Violent Deaths	99	74	25	2	8	10	9	3	10	17	8	10	13	7	2
her Defined Diseases	357	190	167	19	15	6	5	13	16	36	38	57	74	59	19
uses Ill-defined or Unknown	26	17	9	1	2	-	-	-	-	2	5	8	6	2	-
	2321	1230	1091	290	194	44	34	92	121	177	262	367	417	262	61

DEATHS IN EACH TOWN (corrected for Transfers)—August 1927.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	2	2	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	45	14	5	22	...	...	...	...	...
Scarlet Fever	7	2	1	1	...	...	1	1	...
Whooping-cough	52	28	5	5	1	1	1	1	3
Diphtheria	20	6	2	8	...	2	...	...	2
Influenza...	8	3	1	...	1	...	1	...	...
Encephalitis Lethargica	8	2	3	1	...	...	1	...	...
Cerebro-spinal Meningitis	9	5	1	...	...	...	1	...	1
Other Epidemic Diseases	5	3	...	1	...	...	1	...	...
Tuberculosis of Respiratory System ...	161	75	37	16	8	4	5	3	2
Tuberculous Meningitis	21	7	4	2	1	1	1	...	1
Tuber. of Intestines and Peritoneum...	11	6	1	1	...	...	...	1	...
Other Tuberculous Disease	21	8	4	3	...	...	1	2	1
Malignant Tumours	316	155	60	26	22	5	11	7	1
Rheumatic Fever	7	3	1	...	1	1	1	...	...
Meningitis(not Cerebro-spinal or Tuber.	24	9	5	1	5	...	2	...	...
Apoplexy	224	89	49	22	19	4	5	3	2
Heart Disease	270	104	52	18	25	10	8	4	...
Diseases of Arteries	38	15	9	1	5	4	...	2	..
Bronchitis	64	23	14	6	5	4	2	2	1
Pneumonia (all forms)	167	95	22	15	6	6	2	6	1
Other Diseases of Respiratory System	24	9	6	1	1	...	1	1	...
Diarrhœa and Enteritis (under 2 years)	38	19	3	4	1	...	1	2	2
Appendicitis	14	6	1	...	2	1	2	...	...
All Diseases of Liver (not Malignant)	18	11	3	1	1	...	...	...	...
Nephritis, Acute and Chronic... ...	73	37	13	5	5	1	...	...	2
Puerperal Sepsis	10	6	1	...	1	...	1	...	1
Other Diseases and Accidents of Pregnancy and Parturition	16	8	2	2	1	1	...	...	...
Dis. of Early Infancy and Malformations	139	61	25	8	13	9	3	5	1
Suicide	27	14	5	2	...	1	1	1	...
Other Violent Deaths	99	42	18	9	4	3	3	4	5
Other Defined Diseases...	357	150	64	40	29	8	5	10	6
Causes Ill-defined or Unknown ...	26	13	4	2	...	...	2	1	1
All Causes ...	2321	1030	421	223	157	66	63	56	33
AGE AT DEATH.									
Under 1	290	141	41	28	21	10	9	7	4
1– 4	194	84	25	37	8	4	2	6	8
5– 9	44	16	11	6	1	2	3	...	1
10–14	34	15	5	6	1	1	2	1	...
15–24	92	52	13	7	2	2	...	5	1
25–34	121	52	16	13	6	4	9	2	2
35–44	177	85	36	13	5	3	7	5	2
45–54	262	126	50	16	27	5	7	6	3
55–64	367	172	69	31	23	7	8	9	5
65–74	417	174	69	35	27	18	13	9	5
75–84	262	96	74	25	27	7	2	5	2
85 and over	61	17	12	6	9	3	1	1	...
All Ages ...	2321	1030	421	223	157	66	63	56	33

DEATHS IN EACH TOWN (corrected for Transfers)—**August 1927**—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	...	2	1	...	...	1	...
Scarlet Fever	...	...	...	...	...	...	...	1
Whooping-cough	...	1	1	...	3	1	...	1
Diphtheria	...	...	...	...	...	...	...	...
Influenza...	1	...	...	...	...	1	...	...
Encephalitis Lethargica	...	...	...	...	...	...	...	1
Cerebro-spinal Meningitis	...	...	...	1	...	...	...	...
Other Epidemic Diseases	...	...	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	2	2	1	1	2	1	1	1
Tuberculous Meningitis	...	...	...	...	1	2	...	1
Tuber. of Intestines and Peritoneum ...	1	...	...	...	...	1	...	...
Other Tuberculous Disease	1	...	1	...	...	...	...	...
Malignant Tumours	5	7	5	1	2	5	3	1
Rheumatic Fever	...	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	...	...	...	...	...	...	...	2
Apoplexy...	1	7	4	5	7	3	...	4
Heart Disease	8	6	10	4	9	6	3	3
Diseases of Arteries	...	...	...	...	...	...	1	1
Bronchitis	1	...	1	1	1	2	...	1
Pneumonia (all forms)	2	1	1	2	2	1	3	2
Other Diseases of Respiratory System	...	...	2	...	1	1	...	1
Diarrhœa and Entiritis (under 2 years)	...	...	...	3	...	3	...	...
Appendicitis	...	...	1	...	...	...	1	...
All Diseases of Liver (not Malignant)	1	...	...	...	...	...	1	...
Nephritis, Acute and Chronic	1	2	2	3	...	2	...	...
Puerperal Sepsis	...	...	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	1	...	...	...	...	...	...	1
Dis. of Early Infancy and Malformations	2	1	2	1	2	3	2	1
Suicide	1	...	...	...	...	...	1	1
Other Violent Deaths	3	...	...	3	...	2	2	1
Other Defined Diseases...	9	5	9	7	2	7	3	3
Causes Ill-defined or Unknown ...	1	...	...	...	1	...	1	...
All Causes ...	41	32	42	33	33	41	23	27
AGE AT DEATH.								
Under 1	2	1	5	5	4	6	4	2
1– 4	1	3	3	2	2	3	3	3
5– 9	1	...	...	...	1	...	1	1
10–14	...	...	1	2	...	...	...	...
15–24	3	1	1	1	...	2	...	2
25–34	2	1	2	3	2	4	2	1
35–44	3	3	3	...	2	3	5	2
45–54	5	5	2	1	3	4	...	2
55–64	8	5	10	6	2	9	1	2
65–74	12	7	7	8	13	4	7	9
75–84	3	5	7	2	3	2	...	2
85 and over	1	1	1	3	1	4	...	1
All Ages ...	41	32	42	33	33	41	23	27

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth, During the Month of August 1927.

OBSERVERS.	Height of Barometer above Sea-level.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Station-level and 32°.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A.)	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°			°	inch.	per cent.		inch.	inch.									
GLASGOW, Professor J. R. Currie, M.D., The University.	139	29·613	29·764	64·5	53·1	58·8	+1·7	72	4th	45	25th	59·0	3·5	·400	79	22	6·01	+2·10	0	4	24	2	4	14	10	4	0
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·315	29·786	63·8	52·3	58·1	+1·4	71	9th	46	20, 24	56·8	2·3	·403	85	20	6·79	+3·70	0	7	7	4	4	8	18	2	12
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·585	29·763	65·0	52·1	58·5	+1·2	72	3, 10	43	16th	57·3	2·0	·410	87	22	5·58	+2·20	0	4	0	32	0	25	0	1	0
ABERDEEN,* The Meterological Office.	90	29·687	29·786	63·1	51·7	57·4	+1·1	74	3rd	41	25th	57·4	2·6	·400	83	13	2·26	−0·48	7	4	2	4	17	4	5	4	15
PAISLEY, The Coats Observatory.	107	29·655	29·771	65·8	53·0	59·4	+0·9	73	4, 12	44	25th	58·7	2·8	·420	83	23	6·08	+2·17	1	6	16	4	5	14	8	2	6
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	233	29·506	29·759	63·3	53·6	58·5	+1·3	70	4th	46	24th	57·7	2·9	·400	83	24	6·86	+1·42	1	4	20	1	9	18	6	2	1
PERTH,† J. Ritchie, The Museum.	22	29·648	29·672	66·2	51·9	59·1	+1·8	73	4, 9	41	20, 30	58·1	2·4	·413	85	21	5·36	+1·99	2	7	1	14	4	26	2	6	0
Means . .	171	29·573	29·757	64·5	52·5	58·5	+1·3	..	..	..	..	57·9	2·6	·407	84	21	5·56	+1·87	2	5	10	9	6	15	7	3	5

North Latitude.—Glasgow, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley, 55° 51′; Greenock, 55° 57; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Glasgow, 4° 17′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46; Perth, 3° 25′; Mean, 3° 36′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

SEPTEMBER 1927.

Published by Authority of the Registrar-General.

REPORT

During the month of September 1927 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 3937 living children, of whom 1944 were males, and 1993 were females. Compared with the number registered in the previous month, that of males is 198 less, but that of females is 3 more, while that of both sexes combined is 195 less. The monthly birth-rate of these towns taken collectively was 20·0 per thousand, which rate is 0·3 less than in the previous month, and is 1·1 less than the September average.

In the individual towns the monthly birth-rates averaged 19·7, and varied from 25·7 in Coatbridge, 25·2 in Hamilton and 22·8 in Kilmarnock, to 15·4 in Perth, 15·6 in Ayr, 17·4 in Kirkcaldy and 17·9 in Edinburgh. In Greenock this rate was 21·5, in Glasgow 21·0, in Dundee 20·1, in Paisley 19·2, in Motherwell and Wishaw 19·1, in Aberdeen 18·9, in Dunfermline 18·5, in Falkirk 18·4 and in Clydebank 18·2.

Of the 3937 living children whose births were registered during the month, 3667, or 93·1 per cent., were legitimate, while 270, or 6·9 per cent., were illegitimate. The legitimate children of the month numbered 211 fewer than those of the previous month, but the illegitimate children numbered 16 more. The illegitimate rate is 0·8 more than in the previous month. In the individual towns the illegitimate rate varied from 11·6 per cent. in Motherwell and Wishaw, 9·8 in Aberdeen and 9·6 in Dundee and in Hamilton, to 4·1 in Ayr, 4·3 in Clydebank and 4·8 in Perth. In Glasgow this rate was 6·1 per cent. and in Edinburgh 6·5.

Marriages registered in these towns during the month numbered 1752, which is 199 more than in the previous month. The monthly marriage rate was 8·9 per thousand, which is 1·3 more than that of the previous month, but is 0·3 less than the September average. In the individual towns the marriage-rates averaged 7·0, and varied from 11·1 in Aberdeen, 10·7 in Edinburgh, 10·0 in Glasgow, and 9·9 in Ayr, to 3·3 in Coatbridge, 4·1 in Motherwell and Wishaw, 4·4 in Clydebank and 4·7 in Dunfermline.

Deaths registered during the month numbered 2484, of which 1288 were of males and 1196 of females. Deducting the number of deaths of persons with usual residence

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the three preceding years.

in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number of deaths for the month is found to be 2347, and to include those of 1224 males and 1123 females. The corrected number of deaths is 26 more than in the previous month.

The monthly death-rate in these towns taken collectively and based on the corrected number of deaths was 11·9 per thousand. This rate is 0·5 more than that of the previous month, but is 0·1 less than the September average. In the individual towns the death-rate averaged 11·3, and varied from 15·0 in Perth, 14·0 in Dundee and 13·0 in Paisley, to 7·7 in Motherwell and Wishaw, 7·8 in Kirkcaldy and 8·6 in Ayr. In Falkirk the monthly death-rate was 12·7, in Greenock 12·6, in Glasgow 12·3, in Hamilton 12·1, in Edinburgh 11·8, in Clydebank 11·7, in Aberdeen 11·2, in Kilmarnock 11·1, in Dunfermline 9·8 and in Coatbridge 9·4.

Deaths of children of less than one year old numbered 337, and equalled an infantile mortality rate of 81 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths number 47 more than in the previous month, and the death-rate was 14 more than in that month, but was 3 less than the September average. In the individual towns the infantile mortality rate averaged 64, and varied from 103 in Dundee, 93 in Greenock, 89 in Glasgow and 87 in Paisley, to 32 in Motherwell and Wishaw and in Kirkcaldy, 33 in Falkirk and 35 in Clydebank. In Edinburgh this rate was 84 per thousand, in Kilmarnock 81, in Ayr 69, in Aberdeen 68, in Hamilton 67, in Coatbridge 52, in Dunfermline 52 and in Perth 41.

Deaths from the principal epidemic diseases numbered 141, and equalled a death-rate of 0·7 per thousand. These deaths collectively number 23 fewer than in the previous month, and 19 fewer than the September average. They included 3 from enteric fever, 18 from measles, 5 from scarlet fever, 34 from whooping-cough, 22 from diphtheria and 59 from the diarrhœas of childhood. Compared with the number in the previous month deaths from the diarrhœas of childhood numbered 21 more, from diphtheria 2 more and from enteric fever 1 more, but those from scarlet fever numbered 2 fewer, from whooping-cough 18 fewer and from measles 27 fewer.

Deaths from influenza numbered 10, which is 2 more than in the previous month.

Deaths from respiratory diseases other than phthisis, but exclusive of those associated with influenza, numbered 275, which is 20 more than in the previous month. These deaths equal a death-rate of 1·4 per thousand, which is 0·1 more than that of the previous month, but 0·1 less than the September average.

Deaths from all forms of tuberculous disease numbered 185, of which 129 were ascribed to tuberculosis of the respiratory system. The former number is 29 less than in the previous month, but is the same as the September average. The latter number is 32 less than in the previous month, and 1 less than the September average.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

SEPTEMBER 1927.

Mean barometric pressure, 29·711 in.; less than the average of 1881-1915 by 0·237 in.

Mean temperature, 52°·1; less by 1°·5.

Mean daily range of temperature, 12°·1; less by 1°·5.

Rain, depth in inches, 6·54; greater by 3·80.

Wind, direction of: a 5 days' excess from between N.W. and S.W.

Except from about 2nd to 5th, when an anticyclone drifted across the British Isles, and conditions were somewhat settled, the weather of September was dominated by persistent Atlantic depressions, and conditions thereafter were of a highly unsettled type. Gales associated with the deep depressions of 22nd and 28th were reported more or less locally on or around those dates. The mean pressure for the month was again slightly below the normal, and at Edinburgh at mean sea level the extremes were 30·25 in. on 2nd and 28·91 in. on 24th.

For the first few days when anticyclonic conditions prevailed, temperature was rather above the normal, the highest readings of the month being recorded during this period (75° at Ruthwell on 6th); but during the remainder of the month it was very moderate, with lowest readings occurring around 16th, and 27th or 28th (30° at West Linton and Eskdalemuir on 16th and 31° at Balmoral on 28th). On 17th snow fell on the Cairngorms. The mean temperature was, for the first time since June, appreciably below the normal, due to the comparatively cold days, and over considerable areas the thermometer did not reach 70° on any day of the month.

The most outstanding feature of the weather of the month was the excessive rainfall, there being no place with an aggregate below the normal. From 1st to 5th most districts reported only trifling falls; but from 6th until about 10th rain set in, and heavy falls occurred generally during this period, particularly in north-west and south (1·20 in. at Fortrose, 1·07 in. at Stornoway on 8th, and 1·64 in. at Inchkeith, 1·82 in. at Kirkcaldy, and 2·81 in. at Fairnilee on 6th). After a slight lull from 11th to 15th, further depressions caused a renewal of very wet weather, with exceptional falls occurring over widespread areas in the east on 22nd, and in the west on 28th (3·75 in. in Ury Gardens, Stonehaven, 2·53 in. at Aberdeen, 2·72 in. at Montrose (Asylum), 2·08 in. at Edinburgh, 3·06 in. at Boghall (Midlothian) on 22nd, and 2·45 in. at Greenock and 1·78 in. at Glenbranter on 28th). At Edinburgh Royal Observatory, where the total for the month was 7·91 in. (421 per cent. of the normal), September was the wettest month on record since August 1877 (8·33 in.), and the wettest September since 1785 (10·69 in.).

Thunder occurred over limited or more or less widespread areas on 9 days:—on 1st, and on each day from 5th to 7th, on 10th, 17th, 18th, 20th and 29th. The thunderstorm which visited south and south-east Scotland on the morning of the 7th was the worst in severity experienced for many years, and accompanied with torrential rain caused extensive flooding and serious damage, particularly in the Lothians and border Counties.

There was a decided deficiency of sunshine in north-west, north-east and southern Scotland, Stornoway, Aberdeen and Marchmont having respectively 15, 36 and 31 hours below the average; but at Deerness, Orkney, and at Edinburgh there was a very slight excess.

Aurora was observed at Baltasound, Shetland, on 9th and 29th, and an active display at Lerwick on 29th, at Deerness, Orkney, on 8th and 30th, at Nairn on 10th, and at Aberdeen on 25th, 29th and 30th.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 72.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, September 1927.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		
	Census 1921.	Estimated to middle of 1927.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW,	1,051,518	1,049,000	905	909	1814	1704	110	860	590	561	1151	130	36	1057
EDINBURGH,	420,264	426,100	317	311	628	587	41	375	251	215	466	73	20	413
DUNDEE,	168,315	170,800	128	154	282	255	27	79	112	93	205	18	9	196
ABERDEEN,	158,963	158,300	119	127	246	222	24	144	62	84	146	22	22	146
PAISLEY,	84,837	86,200	72	64	136	125	11	39	38	53	91	5	6	92
GREENOCK,	81,123	81,900	68	77	145	136	9	47	48	36	84	4	5	85
MOTHERWELL AND WISHAW,	68,869	71,200	62	50	112	99	13	24	17	16	33	1	13	45
CLYDEBANK,	46,601	46,700	26	44	70	67	3	17	12	16	28	1	18	45
COATBRIDGE,	43,919	44,000	47	46	93	88	5	12	16	12	28	0	6	34
DUNFERMLINE,	39,899	36,200	29	26	55	52	3	14	16	19	35	9	3	29
KIRKCALDY,	39,591	42,000	22	38	60	56	4	21	21	7	28	4	3	27
HAMILTON,	39,504	40,100	41	42	83	75	8	22	19	12	31	0	9	40
KILMARNOCK,	35,911	37,300	42	28	70	65	5	17	22	14	36	7	5	34
AYR,	35,763	38,200	22	27	49	47	2	31	20	14	34	8	1	27
FALKIRK,	33,308	34,500	18	34	52	49	3	25	17	21	38	5	3	36
PERTH,	33,208	33,200	26	16	42	40	2	25	27	23	50	13	4	41
TOTAL (SIXTEEN TOWNS)	2,381,593	2,395,700	1944	1993	3937	3667	270	1752	1288	1196	2484	300	163	2347

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, September 1927.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	21·0	6·1	10·0	13·4	12·3	1·0	1·0	0·7	1·7	174	89
EDINBURGH,	17·9	6·5	10·7	13·3	11·8	0·3	1·2	0·9	1·2	53	84
DUNDEE,	20·1	9·6	5·6	14·6	14·0	1·6	0·8	0·4	2·0	30	103
ABERDEEN,	18·9	9·8	11·1	11·2	11·2	0·1	0·6	0·5	0·8	18	68
PAISLEY,	19·2	8·1	5·5	12·8	13·0	0·6	0·6	0·4	1·1	13	87
GREENOCK,	21·5	6·2	7·0	12·5	12·6	0·4	1·0	0·4	1·2	14	93
MOTHERWELL AND WISHAW,	19·1	11·6	4·1	5·6	7·7	0·0	0·5	0·5	0·5	4	32
CLYDEBANK,	18·2	4·3	4·4	7·3	11·7	0·3	1·3	0·5	2·1	3	35
COATBRIDGE,	25·7	5·4	3·3	7·7	9·4	0·8	0·8	0·8	0·8	5	52
DUNFERMLINE,	18·5	5·5	4·7	11·8	9·8	0·0	1·3	1·0	0·0	3	52
KIRKCALDY,	17·4	6·7	6·1	8·1	7·8	0·6	0·0	0·0	0·3	2	32
HAMILTON,	25·2	9·6	6·7	9·4	12·1	1·2	0·3	0·0	1·2	5	67
KILMARNOCK,	22·8	7·1	5·5	11·7	11·1	0·3	1·0	0·7	0·7	5	81
AYR,	15·6	4·1	9·9	10·8	8·6	0·3	0·6	0·3	1·0	4	69
FALKIRK,	18·4	5·8	8·8	13·4	12·7	0·7	0·7	0·4	2·1	2	33
PERTH,	15·4	4·8	9·1	18·3	15·0	0·7	1·5	0·7	0·4	2	41
TOTAL (SIXTEEN TOWNS)	20·0	6·9	8·9	12·6	11·9	0·7	0·9	0·7	1·4	337	81

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR SEPTEMBER 1927, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. Seven Towns only).
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
SEPT. 1927, .	**20·0**	**6·9**	**8·9**	**11·9**	**3**	**0**	**18**	**5**	**34**	**22**	**59**	**81**	**52°·1**
SEPT. 1926, .	20·2	5·7	8·9	11·1	5	0	3	14	10	20	97	80	54°·6
SEPT. 1925, .	21·1	7·3	8·8	11·3	3	0	0	14	24	14	77	79	51°·2
SEPT. 1924, .	21·4	5·9	9.2	12·0	1	0	23	26	46	27	76	79	53°·0
SEPT. 1923, .	22·2	6·6	10·0	11·0	0	0	31	20	26	15	57	68	52°·3
SEPT. 1922, .	23·7	7·7	9·5	10·9	2	0	15	9	32	13	43	65	52°·1
SEPT. 1921, .	27·2	7·1	10·5	12·2	5	0	3	4	23	24	151	96	55°·3
SEPT. 1920, .	26·6	7·5	12·8	12·1	4	12	5	10	10	24	96	73	53°·5
SEPT. 1919, .	24·0	8·4	12·9	11·6	5	0	18	11	21	24	134	113	53°·1
SEPT. 1918, .	17·8	9·0	10·3	11·0	8	0	11	8	32	39	102	92	49°·6
SEPT. 1917, .	18·2	9·7	8·2	11·5	1	0	13	7	61	22	108	95	55°·1

Figures in columns 5-13 have been corrected for non-resident deaths.

* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—September 1927.

CAUSES OF DEATH.	Total.	Males.	Females.	Age. -1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over
nteric Fever	3	2	1	–	–	–	–	1	1	–	1	–	–	–	–
yphus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
mall-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
leasles	18	11	7	5	13	–	–	–	–	–	–	–	–	–	–
carlet Fever	5	2	3	–	2	3	–	–	–	–	–	–	–	–	–
hooping-cough	34	11	23	17	17	–	–	–	–	–	–	–	–	–	–
iphtheria	22	13	9	1	16	4	–	1	–	–	–	–	–	–	–
nfluenza	10	5	5	1	–	1	–	–	2	2	1	1	1	1	–
ncephalitis Lethargica	4	–	4	–	–	2	–	–	1	–	–	1	–	–	–
erebro-spinal Meningitis	4	2	2	1	3	–	–	–		–	–	–	–	–	–
ther Epidemic Diseases	10	6	4	–	2	–		–	–	1	–	2	4	1	–
uberculosis of Respiratory System	129	68	61	2	1	2	1	30	20	36	19	14	4	–	–
uberculous Meningitis	17	9	8	4	8	3	1	1	–	–	–	–	–	–	–
uberculosis of Intestines and Peritoneum	18	8	10	1	5	2	1	2	5	1	–	–	1		–
ther Tuberculous Disease	21	11	10	–	2		1	4	6	–	1	4	1	–	2
alignant Tumours	305	140	165	1	–	–	1	1	8	22	60	78	86	42	6
heumatic Fever	10	3	7	–	–	–	2	6	–	1	–	1	–	–	–
eningitis (not Cer.-spin. or Tuberc.)	13	11	2	5	5	1	–	1	–	–	–	–	1	–	–
poplexy	224	100	124	–	1	–	–	–	2	5	22	55	72	55	12
eart Disease	271	133	138	–	–	–	3	13	7	15	34	57	79	54	9
iseases of Arteries	26	15	11	–	–	–	–	–	–	–	1	4	13	5	3
ronchitis	81	42	39	5	1	–	–	3	3	3	5	8	25	23	5
neumonia (all forms)	175	103	72	53	24	4	3	4	10	10	16	19	15	15	2
ther Diseases of Respiratory System	19	11	8	3	3	–	–	–	1	1	4	3	1	3	–
iarrhœa and Enteritis (under 2 years)	59	38	21	49	10	–	–	–	–	–	–	–	–	–	–
ppendicitis	18	8	10	–	2	5	1	4	–	1	1	2	2	–	–
ll Diseases of Liver (not Malignant)	21	9	12	–	–		–	1	1	2	3	7	7	–	–
ephritis, Acute and Chronic	73	33	40	–	–	–	1	4	3	5	15	19	14	10	2
uerperal Sepsis	9	–	9	–	–	–	–	1	3	5	–	–	–	–	–
ther Dis. & Accidents of Preg. & Part.	20	–	20	–	–	–	–	4	11	5	–	–	–	–	–
iseases of Early Infancy and Malform.	158	99	59	156	–		2	–	–	–	–	–	–	–	–
uicide	22	12	10	–	–	–	–	1	4	2	9	4	2	–	–
ther Violent Deaths	104	71	33	5	7	12	6	14	10	7	8	11	13	8	3
ther Defined Diseases	390	218	172	27	20	6	10	20	17	32	46	44	73	67	28
auses Ill-defined or Unknown	54	30	24	1	4	2	–	1	–	6	5	14	11	9	1
	2347	1224	1123	337	146	47	33	117	115	162	251	348	425	293	73

DEATHS IN EACH TOWN (corrected for Transfers)—September 1927.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	3	3	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	18	9	...	5	...	...	...	...	...
Scarlet Fever	5	3	1	...	...	...	...	...	...
Whooping-cough	34	21	5	4	1	1	...	...	1
Diphtheria	22	12	2	6	...	...	...	...	...
Influenza	10	7	...	3	...	...	...	...	...
Encephalitis Lethargica	4	1	1	...	...	...	...	...	...
Cerebro-spinal Meningitis	4	3	1	...	...	...	...	...	...
Other Epidemic Diseases	10	2	1	1	1	1	...	...	1
Tuberculosis of Respiratory System ...	129	64	30	6	6	3	3	3	2
Tuberculous Meningitis	17	7	2	3	...	1	1	...	1
Tuber. of Intestines and Peritoneum ...	18	6	5	2	...	...	1	...	2
Other Tuberculous Disease	21	8	6	...	2	...	2	...	...
Malignant Tumours	305	128	54	23	18	11	18	8	6
Rheumatic Fever	10	4	1	...	...	2	1	...	...
Meningitis (not Cerebro-spinal or Tuber.)	13	6	3	...	...	...	2	...	...
Apoplexy	224	93	47	19	18	7	3	3	3
Heart Disease	271	106	49	25	21	12	12	6	4
Diseases of Arteries	26	10	6	2	4	2	...	...	..
Bronchitis	81	44	17	4	5	1	2	1	3
Pneumonia (all forms)	175	100	20	23	4	7	4	1	4
Other Diseases of Respiratory System	19	5	4	1	1	...	2	1	1
Diarrhœa and Enteritis (under 2 years)	59	35	4	7	...	3	3	...	...
Appendicitis	18	7	1	...	1	2	...	3	2
All Diseases of Liver (not Malignant)	21	10	5	2	1	1	1	...	...
Nephritis, Acute and Chronic	73	32	13	7	8	2	1	2	1
Puerperal Sepsis	9	5	2	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	20	13	2	3	...	...	...	...	...
Dis. of Early Infancy and Malformations	158	64	35	12	14	7	8	4	1
Suicide	22	12	3	2	1	...	...	...	...
Other Violent Deaths	104	42	19	5	6	5	4	5	...
Other Defined Diseases	390	163	72	24	29	23	16	8	10
Causes Ill-defined or Unknown ...	54	32	2	7	5	1	1	...	3
All Causes ...	2347	1057	413	196	146	92	85	45	45
AGE AT DEATH.									
Under 1	337	174	53	30	18	13	14	4	3
1– 4	146	69	20	22	5	2	5	2	4
5– 9	47	17	6	4	1	5	1	3	4
10–14	33	16	6	1	3	1	1	...	...
15–24	117	50	24	8	4	3	3	5	...
25–34	115	63	20	11	2	2	5	1	...
35–44	162	81	23	7	5	8	6	1	10
45–54	251	117	37	18	13	11	9	8	4
55–64	348	158	62	28	24	14	8	8	2
65–74	425	179	81	30	27	23	17	9	10
75–84	293	106	66	31	36	8	13	3	8
85 and over	73	27	15	6	8	2	3	1	...
All Ages ...	2347	1057	413	196	146	92	85	45	45

DEATHS IN EACH TOWN (corrected for Transfers)—**September 1927**—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	...	...	2	1	...	...	1	...
Scarlet Fever	1	...	...	...	...	...	...	...
Whooping-cough	1	...	...	...	...	...	...	...
Diphtheria	...	...	...	...	...	...	1	1
Influenza...	...	...	...	...	...	...	...	...
Encephalitis Lethargica	...	...	...	...	...	...	1	1
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	1	...	1	...	...	1
Tuberculosis of Respiratory System ...	3	3	...	...	2	1	1	2
Tuberculous Meningitis	...	...	...	...	...	...	1	1
Tuber. of Intestines and Peritoneum ...	...	...	...	...	1	1	...	...
Other Tuberculous Disease	...	1	...	1	...	...	...	1
Malignant Tumours	4	5	5	6	5	6	1	7
Rheumatic Fever	...	...	...	...	1	...	1	...
Meningitis (not Cerebro-spinal or Tuber.)	1	...	...	...	1	...	...	...
Apoplexy...	2	6	3	8	3	3	1	5
Heart Disease	4	3	5	4	2	3	9	6
Diseases of Arteries	...	...	...	...	...	...	...	2
Bronchitis	1	...	...	1	...	2	...	...
Pneumonia (all forms)	2	...	1	2	2	1	4	...
Other Diseases of Respiratory System	...	...	...	1	...	...	2	1
Diarrhœa and Entiritis (under 2 years)	1	...	...	3	1	1	...	1
Appendicitis	...	1	...	...	...	...	1	...
All Diseases of Liver (not Malignant)	...	...	...	...	...	1	...	...
Nephritis, Acute and Chronic	...	2	...	2	...	2	1	...
Puerperal Sepsis	...	...	...	...	2	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	1	1	...	...	...	...	...	...
Dis. of Early Infancy and Malformations	2	2	1	2	2	2	1	1
Suicide	...	...	...	1	2	...	...	1
Other Violent Deaths	2	2	3	4	3	1	1	2
Other Defined Diseases...	9	3	5	4	5	2	9	8
Causes Ill-defined or Unknown ...	...	...	1	...	1	1	...	...
All Causes ...	34	29	27	40	34	27	36	41
AGE AT DEATH.								
Under 1	5	3	2	5	5	4	2	2
1– 4	1	...	3	4	2	1	5	1
5– 9	1	...	...	1	2	...	2	...
10–14	1	1	...	2	...	...	...	1
15–24	5	1	...	1	4	...	4	5
25–34	...	3	1	3	2	...	...	2
35–44	3	1	2	4	3	5	...	3
45–54	3	6	5	4	5	1	5	5
55–64	6	5	4	9	2	4	5	9
65–74	6	5	4	4	4	9	7	10
75–84	1	3	4	2	4	2	5	1
85 and over	2	1	2	1	1	1	1	2
All Ages ...	34	29	27	40	34	27	36	41

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth,

During the Month of September 1927.

OBSERVERS.	Height of Barometer above Sea-level.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Station-level and 32°.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A.)	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	Absolute Maximum and Minimum. Day of Month.	Absolute Maximum and Minimum. Minimum.	Absolute Maximum and Minimum. Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°			°	inch.	per cent.		inch.	inch.									
GLASGOW, Professor J. R. Currie, M.D., The University.	139	29·691	29·843	58·4	47·0	52·7	−0·8	70	3rd	39	27th	53·3	3·1	·320	79	22	5·66	+2·68	4	8	10	0	4	10	12	12	0
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·255	29·739	57·6	45·9	51·7	−1·6	70	1st	40	27th	51·1	2·4	·313	83	20	7·91	+6·03	4	7	3	1	3	10	19	9	4
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·477	29·656	58·0	45·3	51·7	−1·8	67	1st	38	27th	50·7	1·9	·326	87	20	5·32	+3·24	0	11	0	11	0	19	0	19	0
ABERDEEN,* The Meterological Office	90	29·543	29·644	56·1	46·4	51·3	−1·7	65	1st	39	20th	50·5	1·8	·323	87	22	6·38	+4·16	8	2	1	2	8	6	4	16	13
PAISLEY, The Coats Observatory.	107	29·579	29·699	59·5	46·7	53·1	−1·8	71	3rd	38	27th	52·2	2·1	·333	85	21	6·81	+3·80	2	4	8	3	3	14	16	7	3
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	233	29·449	29·704	58·3	47·6	52·9	−0·9	67	3rd	42	27th	52·5	2·7	·330	82	23	9·49	+4·74	5	5	11	0	6	8	12	13	0
PERTH,† J. Ritchie, The Museum.	22	29·671	29·695	59·4	44·1	51·7	−1·6	69	3rd	34	15th	51·4	2·4	·313	83	21	4·21	+1·98	0	6	4	8	1	27	2	12	0
Means . .	171	29·524	29·711	58·2	46·1	52·1	−1·5	..	..	..	..	51·7	2·3	·323	84	21	6·54	+3·80	3	6	5	4	4	13	9	13	3

North Latitude.—Glasgow, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley, 55° 51′; Greenock, 55° 57; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Glasgow, 4° 17′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46; Perth, 3° 25′; Mean, 3° 36′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

OCTOBER 1927.

Published by Authority of the Registrar-General.

REPORT

During the month of October 1927 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4123 living children, of whom 2106 were males, and 2017 were females. Compared with the number registered in the previous month, that of male children is 162 more, and that of female children 24 more. The monthly birth-rate in these towns taken collectively was 20·3 per thousand, which rate is 0·3 more than that of the previous month, but is 3·8 less than the October average.

In the individual towns the monthly birth-rate varied from 23·8 per thousand in Coatbridge, 22·4 in Glasgow, 21·7 in Clydebank and 21·4 in Hamilton, to 16·3 in Perth, 16·7 in Edinburgh, 17·3 in Ayr and 17·4 in Kirkcaldy. In Aberdeen the monthly birth-rate was 20·2, in Dundee 19·9, in Dunfermline 19·2, in Paisley 19·0, in Falkirk 18·8, in Kilmarnock 18·6, in Motherwell and Wishaw 18·4 and in Greenock 18·3.

Of the 4123 living children whose births were registered during the month, 3866, or 93·8 per cent., were legitimate, while 257, or 6·2 per cent., were illegitimate. The legitimate children of the month numbered 199 more than those of the previous month, but the illegitimate children numbered 13 fewer. The illegitimate rate of the month, 6·2 per cent., is 0·7 less than that of the previous month. In the individual towns the illegitimate rate varied from 10·9 per cent. in Perth, 9·7 in Kirkcaldy and 9·6 in Hamilton, to 1·2 in Clydebank, 3·4 in Kilmarnock and 3·8 in Dundee. In Glasgow this rate was 6·4, in Edinburgh 7·3, in Aberdeen 5·2.

Marriages registered in these towns during the month numbered 1557, and equalled a marriage rate of 7·7 per thousand. This number is 195 less than that of the previous month. This rate is 1·2 less than that of the previous month, but is 0·9 more than the October average. In the individual towns the monthly marriage-rate varied from 11·3 in Perth, 10·2 in Ayr and 8·5 in Edinburgh and in Dundee, to 2·3 in Clydebank, 3·7 in Coatbridge and 4·7 in Greenock. In Glasgow this rate was 8·0 and in Aberdeen 7·7.

Deaths registered during the month numbered 2800, of which 1432 were of males

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the three preceding years.

and 1368 of females. Deducting the number of deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number of deaths for the month is found to be 2638, and to include those of 1338 males and 1300 females. The corrected number of deaths is 291 more than in the previous month.

The monthly death-rate in these towns taken collectively and based on the corrected number of deaths was 13·0 per thousand. This rate is 1·1 more than that of the previous month, and 0·6 more than the recent October average. In the individual towns the monthly death-rate averaged 11·7, and varied from 16·4 per thousand in Falkirk, 15·7 in Dundee, 13·9 in Glasgow and 13·6 in Kilmarnock, to 8·9 in Ayr and in Motherwell and Wishaw, 9·3 in Clydebank and 9·6 in Perth. In Edinburgh the monthly death-rate was 12·7, in Aberdeen 12·5, in Coatbridge 12·0, in Paisley 11·9, in Hamilton 10·9, in Dunfermline 10·1, in Kirkcaldy 10·1 and in Greenock 9·9.

Deaths of children of less than one year old numbered 376, and equalled an infantile mortality rate of 87 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths number 39 more than registered in the previous month. This death-rate is 6 more than that of the previous month, but is the same as the October average. In the individual towns the infantile mortality rate averaged 74, and varied from 177 in Falkirk, 109 in Aberdeen and 105 in Motherwell and Wishaw, to 20 in Greenock and in Perth, and 34 in Clydebank. In Coatbridge this rate was 102, in Glasgow 101, in Dundee 93, in Edinburgh 69, in Dunfermline 68, in Kirkcaldy 63, in Kilmarnock 63, in Hamilton 53, in Paisley 52 and in Ayr 50.

Deaths from the principal epidemic diseases numbered 159, and equalled a death-rate of 0·8 per thousand. These deaths collectively number 18 more than in the previous month, and 25 more than the October average. They include 1 from enteric fever, 50 from measles, 8 from scarlet fever, 27 from whooping-cough, 31 from diphtheria and 42 from the diarrhœas of childhood. Compared with the number in the previous month deaths from measles are 32 more, from diphtheria 9 more, and from scarlet fever 3 more, but those from enteric fever are 2 fewer, from whooping-cough 7 fewer and from the diarrhœas of childhood 17 fewer.

Deaths from influenza in all numbered 37, which is 27 more than in the previous month.

Deaths from respiratory diseases other than phthisis, but exclusive of those associated with influenza, numbered 472, which is 197 more than in the previous month. These deaths equal a death-rate of 2·3 per thousand, which rate is 0·9 more than that of the previous month, and 0·4 more than the October average.

Deaths from all forms of tuberculous disease numbered 187, of which 132 were ascribed to tuberculosis of the respiratory system. The former number is 2 more than in the previous month, but 16 less than the October average. The latter number is 3 more than in the previous month, but 18 less than the October average.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

OCTOBER 1927.

Mean barometric pressure, 29·894 in. greater than the average of 1881-1915 by 0·046 in.

Mean temperature, 49°·2; greater by 1°·9.

Mean daily range of temperature, 11°·1; less by 0°·3.

Rain, depth in inches, 5·08; greater by 1·69.

Wind, direction of: a 5 days' excess of south-westerly winds.

On 1st and 2nd a depression travelled somewhat rapidly from the West of Ireland to Scandinavia; but immediately in its rear an anticyclone spread in from the Atlantic. This dominated our Islands until the 12th and then gradually retreated. By 21st conditions had become extremely unsettled, and exceptionally stormy weather was associated with a deep depression on 26th, and another very deep one which moved rapidly across Southern Scotland to Scandinavia on 28th-29th. At Edinburgh the extremes of pressure, at mean sea level, were 30·51 in. on 8th and 28·85 in. on 28th.

Temperature was at first moderate or fairly high; but during the third week, with northerly winds, decidedly low. With an influx of equatorial air the last ten days of the month were abnormally mild, with some high night temperatures notably from 25th to 27th. Highest readings occurred very generally on 7th (70° at Crieff and Perth), and lowest on 21st (16° at Braemar).

In some border districts and in Shetland rainfall aggregates were below the normal; but in general there was an excess, and this was considerable in some northern areas and in Forfarshire. Heavy rains in many districts on 1st (1·78 in. at Greenock) and in north and east on 2nd were followed by a dry spell which lasted almost unbroken in some districts until 20th, though in others, and especially towards the north-west, there were light to moderate rains between 12th and 18th. On 21st a very wet period set in, though the extreme north was at first but little affected. Heavy falls occurred in Central and Southern Scotland on 21st; in north on 22nd; and very widely from 25th to 28th. The following may be noted:—2·20 in. at Inverchaolain, on Loch Striven, on 21st.; 1·72 in. at Gleneagles on 22nd; and 1·70 in. at Arrochar on 28th.

A westerly gale was general on 2nd, and from 27th to 29th very stormy weather prevailed. Snow fell here and there in the south on 2nd and about 20th. Flooding occurred on 2nd in various districts, notably in the Greenock area, and towards the end of the month.

Thunderstorms occurred here and there and apparently over very limited areas on 1st, 3rd, 19th, 25th, 26th, 27th and 31st.

Fog occurred at times; but there were some very sunny days, and in most districts sunshine aggregates differed but little from the normal.

Aurora was observed at Lerwick on 2nd, 19th 20th, 22nd, 23rd and 27th; at Baltasound, Shetland, on 29th; in Orkney on 1st, 7th and 8th; and here and there in the mainland of Scotland on some of these dates and at Aberdeen on 16th.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 80.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, October 1927.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		
	Census 1921.	Estimated to middle of 1927.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW,	1,051,518	1,049,000	1026	969	1995	1867	128	713	697	639	1336	127	30	1239
EDINBURGH,	420,264	426,100	303	303	606	562	44	307	250	248	498	59	22	461
DUNDEE,	168,315	170,800	158	131	289	278	11	123	110	183	243	21	5	227
ABERDEEN,	158,963	158,300	143	128	271	257	14	104	84	99	183	34	19	168
PAISLEY,	84,837	86,200	67	72	139	131	8	57	46	45	91	8	4	87
GREENOCK,	81,123	81,900	55	72	127	119	8	33	32	40	72	7	4	69
MOTHERWELL AND WISHAW,	68,869	71,200	58	53	111	104	7	35	27	17	44	0	10	54
CLYDEBANK,	46,601	46,700	36	50	86	85	1	9	15	9	24	0	13	37
COATBRIDGE,	43,919	44,000	49	40	89	83	6	14	21	24	45	2	2	45
DUNFERMLINE,	39,899	36,200	27	32	59	56	3	18	13	18	31	2	2	31
KIRKCALDY,	39,591	42,000	39	23	62	56	6	19	20	16	36	4	4	36
HAMILTON,	39,504	40,100	33	40	73	66	7	21	19	15	34	2	5	37
KILMARNOCK,	35,911	37,300	33	26	59	57	2	21	21	20	41	4	6	43
AYR,	35,763	38,200	23	33	56	53	3	33	19	13	32	6	3	29
FALKIRK,	33,308	34,500	30	25	55	51	4	18	37	15	52	7	3	48
PERTH,	33,208	33,200	26	20	46	41	5	32	21	17	38	11	0	27
TOTAL (SIXTEEN TOWNS)	2,381,593	2,395,700	2106	2017	4123	3866	257	1557	1432	1368	2800	294	132	2638

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, October 1927.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	22·4	6·4	8·0	15·0	13·9	1·0	1·0	0·7	3·0	205	101
EDINBURGH,	16·7	7·3	8·5	13·8	12·7	0·4	1·0	0·9	2·2	45	69
DUNDEE,	19·9	3·8	8·5	16·8	15·7	1·2	1·2	0·9	2·7	28	93
ABERDEEN,	20·2	5·2	7·7	13·6	12·5	0·6	0·7	0·4	1·8	30	109
PAISLEY,	19·0	5·8	7·8	12·4	11·9	0·5	0·8	0·7	1·2	8	52
GREENOCK,	18·3	6·3	4·7	10·3	9·9	0·0	1·4	0·9	0·9	3	20
MOTHERWELL AND WISHAW,	18·4	6·3	5·8	7·3	8·9	0·2	0·3	0·3	0·5	13	105
CLYDEBANK,	21·7	1·2	2·3	6·1	9·3	0·5	0·3	0·3	1·8	3	34
COATBRIDGE,	23·8	6·7	3·7	12·0	12·0	1·1	0·8	0·3	2·1	10	102
DUNFERMLINE,	19·2	5·1	5·9	10·1	10·1	0·0	0·7	0·0	0·7	4	68
KIRKCALDY,	17·4	9·7	5·3	10·1	10·1	0·6	0·3	0·3	1·1	4	63
HAMILTON,	21·4	9·6	6·2	10·0	10·9	0·6	1·5	0·6	1·5	4	53
KILMARNOCK,	18·6	3·4	6·6	12·9	13·6	1·3	0·3	0·0	2·8	4	63
AYR,	17·3	5·4	10·2	9·9	8·9	0·0	0·3	0·3	1·5	3	50
FALKIRK,	18·8	7·3	6·1	17·8	16·4	2·7	0·7	0·3	2·0	11	177
PERTH,	16·3	10·9	11·3	13·5	9·6	1·4	0·0	0·0	0·7	1	20
TOTAL (SIXTEEN TOWNS)	20·3	6·2	7·7	13·8	13·0	0·8	0·9	0·6	2·3	376	87

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR OCTOBER 1927, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

Month.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. Seven Towns only).
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
OCT. 1927,	**20·3**	**6·2**	**7·7**	**13·0**	**1**	**0**	**50**	**8**	**27**	**31**	**42**	**87**	**49°·2**
OCT. 1926,	21·3	6·2	6·4	11·5	4	0	1	8	6	21	62	82	43°·8
OCT. 1925,	22·7	6·7	6·7	12·7	3	0	9	22	17	25	53	95	49°·1
OCT. 1924,	23·2	6·9	7.1	12·5	1	0	21	27	47	19	56	80	48°·0
OCT. 1923,	24·3	6·4	8·4	11·6	0	0	46	24	18	20	46	66	47°·9
OCT. 1922,	23·7	7·3	8·3	11·9	3	0	31	18	22	19	56	77	46°·5
OCT. 1921,	26·8	7·5	8·6	12·7	2	0	1	12	20	21	115	89	52°·7
OCT. 1920,	27·9	7·9	9·5	12·8	5	9	4	13	15	29	90	90	49°·1
OCT. 1919,	29·7	7·5	10·8	11·9	6	0	18	18	14	43	57	92	46·8
OCT. 1918,	22·1	9·1	9·7	28·7	5	0	8	12	63	48	62	138	48°·0
OCT. 1917,	20·3	8·6	7·8	12·4	6	0	31	11	52	38	90	99	43°·9

Figures in columns 5-13 have been corrected for non-resident deaths.

* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—October 1927.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over
teric Fever	1	–	1	–	–	–	–	–	–	–	1	–	–	–	–
phus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
all-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
asles	50	24	26	10	37	3	–	–	–	–	–	–	–	–	–
rlet Fever	8	2	6	–	6	1	–	–	1	–	–	–	–	–	–
ooping-cough	27	11	16	16	10	1	–	–	–	–	–	–	–	–	–
phtheria	31	20	11	1	18	11	1	–	–	–	–	–	–	–	–
uenza	37	26	11	4	3	–	–	1	2	5	2	6	6	6	2
cephalitis Lethargica	10	3	7	–	–	–	–	1	4	1	1	1	2	–	–
ebro-spinal Meningitis	7	2	5	2	5	–	–	–	–	–	–	–	–	–	–
er Epidemic Diseases	7	3	4	1	2	–	–	1	–	–	1	–	2	–	–
berculosis of Respiratory System	132	65	67	1	3	2	6	31	25	21	26	15	2	–	–
berculous Meningitis	24	14	10	3	11	8	2	–	–	–	–	–	–	–	–
berculosis of Intestines and Peritoneum	13	4	9	1	3	–	2	4	3	–	–	–	–	–	–
er Tuberculous Disease	18	8	10	1	1	1	3	5	3	2	1	–	1	–	–
lignant Tumours	322	143	179	–	1	–	3	1	6	20	61	100	88	38	4
umatic Fever	9	5	4	–	–	1	2	2	–	3	1	–	–	–	–
ningitis (not Cer.-spin. or Tuberc.)	21	9	12	7	3	4	2	1	–	–	3	–	1	–	–
oplexy	249	116	133	–	–	–	–	–	2	3	18	55	97	67	7
art Disease	285	127	158	1	–	–	6	6	9	15	38	43	101	50	16
eases of Arteries	38	22	16	–	–	–	–	1	–	–	1	9	6	15	6
nchitis	137	71	66	19	5	2	–	–	5	2	6	25	34	38	1
umonia (all forms)	302	184	118	72	70	7	7	8	10	22	17	28	41	18	2
er Diseases of Respiratory System	33	18	15	3	1	–	–	1	–	1	6	10	7	3	1
rrhœa and Enteritis (under 2 years)	42	29	13	37	5	–	–	–	–	–	–	–	–	–	–
pendicitis	15	7	8	–	–	3	2	3	3	3	–	1	–	–	–
Diseases of Liver (not Malignant)	28	12	16	–	–	1	–	–	1	–	8	7	6	4	1
phritis, Acute and Chronic	86	45	41	1	3	1	1	1	6	8	14	20	23	8	–
erperal Sepsis	6	–	6	–	–	–	–	1	4	1	–	–	–	–	–
er Dis. & Accidents of Preg. & Part.	19	–	19	–	–	–	–	3	10	6	–	–	–	–	–
eases of Early Infancy and Malform.	158	86	72	156	2	–	–	–	–	–	–	–	–	–	–
cide	18	12	6	–	–	–	–	–	3	4	6	3	1	1	–
er Violent Deaths	76	58	18	4	12	5	2	7	6	8	14	7	4	5	2
er Defined Diseases	390	191	199	32	17	6	5	15	20	21	53	46	77	77	21
ses Ill-defined or Unknown	39	21	18	4	1	–	–	–	1	2	9	11	8	3	–
	2638	1338	1300	376	219	57	44	93	124	148	287	387	507	333	63

DEATHS IN EACH TOWN (corrected for Transfers)—October 1927.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	1	1	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	50	34	3	2	1	...	...	...	1
Scarlet Fever	8	3	3	...	...	1	...	...	...
Whooping-cough	27	17	3	1	1	...	...	1	...
Diphtheria	31	8	2	9	1	3	...	...	1
Influenza	37	11	7	6	1	2	3	...	...
Encephalitis Lethargica	10	4	3	...	...	...	2	...	...
Cerebro-spinal Meningitis	7	5	2	...	...	...	...	...	...
Other Epidemic Diseases	7	3	3	...	...	1	...	...	...
Tuberculosis of Respiratory System ...	132	62	31	13	6	5	6	2	1
Tuberculous Meningitis	24	13	3	1	2	...	2	...	...
Tuber. of Intestines and Peritoneum ...	13	7	1	2	...	...	...	...	...
Other Tuberculous Disease	18	8	1	2	1	1	2	...	...
Malignant Tumours	322	156	68	22	17	9	7	6	5
Rheumatic Fever	9	5	1	...	...	...	...	1	...
Meningitis (not Cerebro-spinal or Tuber.)	21	6	2	2	4	...	2	1	...
Apoplexy	249	97	43	26	20	13	11	2	4
Heart Disease	285	119	51	29	28	13	6	6	4
Diseases of Arteries	38	14	7	4	7	1	1	1	..
Bronchitis	137	69	20	12	11	3	2	...	4
Pneumonia (all forms)	302	180	53	23	11	6	4	3	2
Other Diseases of Respiratory System	33	15	6	4	2	...	...	...	1
Diarrhœa and Enteritis (under 2 years)	42	24	5	5	5	...	...	...	...
Appendicitis	15	11	1	...	1	...	...	1	...
All Diseases of Liver (not Malignant)	28	14	5	3	...	2	...	1	...
Nephritis, Acute and Chronic	86	37	20	7	7	2	...	3	...
Puerperal Sepsis	6	3	1	1	...	1	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	19	13	1	...	2	1	...	...	...
Dis. of Early Infancy and Malformations	158	74	19	10	16	5	2	12	3
Suicide	18	9	4	...	1	...	...	...	...
Other Violent Deaths	76	37	12	5	1	3	4	4	1
Other Defined Diseases	390	163	77	35	21	13	12	10	7
Causes Ill-defined or Unknown ...	39	17	3	3	1	2	3	...	3
All Causes ...	2638	1239	461	227	168	87	69	54	37
AGE AT DEATH.									
Under 1	376	205	45	28	30	8	3	13	3
1– 4	219	136	17	26	6	2	5	3	3
5– 9	57	30	9	3	1	2	2	1	1
10–14	44	20	11	2	1	3	1	2	1
15–24	93	48	14	7	3	3	3	5	1
25–34	124	64	22	7	6	5	5	2	...
35–44	148	71	28	9	13	10	1	2	1
45–54	287	131	57	25	13	7	11	7	4
55–64	387	178	68	33	19	12	12	7	9
65–74	507	207	100	49	27	25	17	7	7
75–84	333	131	74	31	37	10	7	5	7
85 and over	63	18	16	7	12	...	2	...	...
All Ages ...	2638	1239	461	227	168	87	69	54	37

DEATHS IN EACH TOWN (corrected for Transfers)—October 1927—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	3	...	1	1	...	...	4	...
Scarlet Fever	...	...	...	...	...	...	...	1
Whooping-cough	...	...	...	...	2	...	2	...
Diphtheria	...	...	1	...	1	...	2	3
Influenza...	1	...	2	2	1	...	...	1
Encephalitis Lethargica	...	...	...	...	...	...	...	1
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	1	...	1	2	...	1	1	...
Tuberculous Meningitis	1	1	...	...	1	...	...	...
Tuber. of Intestines and Peritoneum ...	...	1	...	2	...	...	...	...
Other Tuberculous Disease	1	...	...	1	...	...	1	...
Malignant Tumours	4	6	3	3	5	5	3	3
Rheumatic Fever	1	...	...	1	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	3	...	...	1	...	...	...	...
Apoplexy...	2	5	5	7	5	4	2	3
Heart Disease	5	2	3	1	6	5	3	4
Diseases of Arteries	...	...	...	...	...	1	1	1
Bronchitis	2	2	1	2	5	1	2	1
Pneumonia (all forms)	6	...	2	2	2	3	4	1
Other Diseases of Respiratory System	...	...	1	1	2	1	...	...
Diarrhœa and Entiritis (under 2 years)	1	...	...	1	1	...	...	...
Appendicitis	...	...	...	1	...	...	...	...
All Diseases of Liver (not Malignant)	...	1	...	1	1	...	...	...
Nephritis, Acute and Chronic	2	1	2	2	...	1	2	...
Puerperal Sepsis	...	...	...	...	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	1	...	1	...	...	...	...	...
Dis. of Early Infancy and Malformations	5	2	1	...	1	1	7	...
Suicide	1	...	...	...	...	...	2	1
Other Violent Deaths	1	1	2	...	...	1	3	1
Other Defined Diseases...	3	9	9	6	9	4	7	5
Causes Ill-defined or Unknown ...	1	...	1	...	1	1	2	1
All Causes ...	45	31	36	37	43	29	48	27
AGE AT DEATH.								
Under 1	10	4	4	4	4	3	11	1
1– 4	4	1	1	4	3	...	5	3
5– 9	1	...	1	...	1	...	3	2
10–14	2	...	...	1	...	...	...	...
15–24	2	2	...	1	3	1	...	...
25–34	1	2	1	2	2	1	2	2
35–44	3	1	1	1	2	1	3	1
45–54	7	2	5	4	5	1	8	...
55–64	8	3	3	6	8	9	8	4
65–74	6	8	9	8	11	12	6	8
75–84	...	7	7	6	4	1	2	4
85 and over	1	1	4	...	...	...	...	2
All Ages ...	45	31	36	37	43	29	48	27

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth,

During the Month of October 1927.

OBSERVERS.	Height of Barometer above Sea-level.	AIR PRESSURE at 9 A.M. and 9 P.M.		AIR TEMPERATURE.								HYGROMETER.				RAIN, AND OTHER FORMS OF PRECIPITATION.			WIND DIRECTIONS.								
				Mean of				Absolute Maximum and Minimum.				Mean at 9 A.M. and 9 P.M.							Number of Observations at 9 A.M. and 9 P.M.								
		Mean at Station-level and 32°.	Mean at Sea-Level and 32°.	Maximum (A.)	Minimum (B.)	Mean of A and B (Mean Temperature).	Difference from Average.	Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	Number of Days.	Total Fall.	Difference from Average.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°			°	inch.	per cent.		inch.	inch.									
GLASGOW, Professor J. R. Currie, M.D., The University.	139	29·751	29·904	55·5	44·5	50·0	+2·6	65	7*th*	32	21*st*	49·2	2·0	·298	85	16	4·98	+1·58	0	2	8	0	2	20	20	2	8
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·432	29·914	54·3	43·9	49·1	+1·7	63	6, 7	34	20, 21	48·5	2·2	·293	83	15	3·13	+0·53	1	2	5	3	6	13	26	1	5
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·704	29·885	53·8	42·4	48·1	+1·4	65	6*th*	26	21*st*	47·4	1·5	·286	88	17	5·26	+2·60	0	3	0	15	0	35	0	9	0
ABERDEEN,* The Meterological Office.	90	29·760	29·861	53·5	44·0	48·7	+1·4	66	6*th*	30	21*st*	47·3	1·9	·280	85	17	3·34	+0·34	2	1	2	3	12	10	18	3	11
PAISLEY, The Coats Observatory.	107	29·782	29·901	55·5	44·4	49·9	+1·5	65	7*th*	29	21*st*	49·7	1·8	·316	87	16	6·07	+2·33	1	4	4	3	7	13	16	4	10
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	233	29·649	29·906	54·6	45·4	50·0	+2·5	62	7*th*	34	21*st*	48·7	1·7	·303	87	18	7·91	+2·53	2	3	9	4	8	16	13	5	2
PERTH,† J. Ritchie, The Museum.	22	29·865	29·889	56·4	41·1	48·7	+2·3	70	7*th*	22	21*st*	47·8	1·8	·293	86	16	4·84	+1·89	0	6	0	8	2	34	4	8	0
Means . .	171	29·706	29·894	54·8	43·7	49·2	+1·9	..	..	..	..	48·4	1·8	·296	86	16	5·08	+1·69	1	3	4	5	5	20	14	5	5

North Latitude.—Glasgow, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley, 55° 51′; Greenock, 55° 57; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Glasgow, 4° 17′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46; Perth, 3° 25′; Mean, 3° 36′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

NOVEMBER 1927.

Published by Authority of the Registrar-General.

REPORT

During the month of November 1927 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 3833 living children, of whom 1938 were males, and 1895 were females. Compared with the number registered in the previous month, that of male children is 168 fewer, and of female children 122 fewer, the total children of the month being 290 fewer. The monthly birth-rate in these towns taken collectively was 19·5 per thousand, which rate is 0·8 less than that of the previous month, and 1·7 less than the November average.

In the individual towns the monthly birth-rate varied from 24·0 in Falkirk, 23·5 in Coatbridge, and 21·9 in Kilmarnock, to 11·7 in Perth, 14·3 in Ayr and 16·2 in Dunfermline and in Kirkcaldy. In Greenock the monthly birth-rate was 21·4, in Glasgow 21·0, in Paisley 19·7, in Hamilton 19·4, in Motherwell and Wishaw 19·3, in Dundee 19·1, in Clydebank 18·8, in Edinburgh 17·3 and in Aberdeen 16·4.

Of the 3833 living children whose births were registered during the month, 3582, or 93·5 per cent., were legitimate, while 251, or 6·5 per cent., were illegitimate. The legitimate children of the month are 284 fewer than those of the previous month, and the illegitimate children are 6 fewer. The illegitimate rate of the month, 6·5 per cent., is 0·3 more than that of the previous month. In the individual towns the illegitimate rate varied from 14·6 per cent. in Dunfermline, 12·5 in Perth, 9·4 in Hamilton and 9·3 in Dundee, to 2·9 in Paisley, 3·0 in Kilmarnock, and 4·4 in Ayr and in Falkirk. In Glasgow this rate was 5·7, in Edinburgh 8·4 and in Aberdeen 7·5.

Marriages registered during the month numbered 1221, and equalled a marriage-rate of 6·2 per thousand. This number is 336 less than that of the previous month. This rate is 1·5 less than that of the previous month, and 0·2 less than the November average. In the individual towns the monthly marriage-rate varied from 11·0 in Perth, 7·7 in Aberdeen, 7·1 in Edinburgh and 6·6 in Glasgow and in Coatbridge, to 2·8 in Greenock, 3·2 in Motherwell and Wishaw and 3·3 in Dundee.

Deaths registered in these towns during the month numbered 3019, of which 1515 were of males and 1504 were of females. Deducting the deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the three preceding years.

these towns, the corrected number of deaths for the month is found to be 2830, and to include those of 1418 males and 1412 females. The corrected number of deaths is 192 more than in October.

The monthly death-rate in the sixteen towns taken collectively and based on the corrected number of deaths was 14·4 per thousand. This rate is 1·4 more than that of the previous month, but is 1·4 less than the November average. In the individual towns the monthly death-rate averaged 12·8, and varied from 16·1 in Glasgow, 15·7 in Perth and 15·2 in Coatbridge, to 8·1 in Dunfermline, 9·7 in Hamilton, 10·4 in Kirkcaldy and 10·6 in Motherwell and Wishaw. In Dundee the monthly death-rate was 14·7, in Paisley 14·7, in Greenock 14·7, in Edinburgh 13·3, in Clydebank 12·8, in Ayr 12·4, in Aberdeen 12·2, in Falkirk 12·0 and in Kilmarnock 11·7.

Deaths of children of less than one year old numbered 491, and equalled an infantile mortality rate of 119 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths numbered 115 more than in the previous month. This death-rate is 32 more than that of the previous month, but is 1 less that the November average. In the individual towns the infantile mortality rate of the month averaged 91, and varied from 154 in Paisley, 150 in Glasgow, 137 in Coatbridge and 131 in Clydebank, to 33 in Falkirk, 42 in Perth, and 66 in Motherwell and Wishaw and in Kirkcaldy. In Dundee this rate was 110, in Dunfermline 109, in Kilmarnock 95, in Edinburgh 86, in Aberdeen 77, in Ayr 70, in Hamilton 69 and in Greenock 68.

Deaths from the principal epidemic diseases numbered 203, and equalled a death-rate of 1·0 per thousand. These deaths collectively number 44 more than in the previous month, and 39 more than the November average. They include 1 from enteric fever, 81 from measles, 15 from scarlet fever, 17 from whooping-cough, 34 from diphtheria and 55 from the diarrhœas of childhood. Compared with the number in the previous month deaths from measles are 31 more, from the diarrhœas of childhood 13 more, from scarlet fever 7 more, and from diphtheria 3 more, but those from enteric fever number the same, while from whooping-cough they are 10 fewer.

Deaths from influenza in all numbered 32, which is 5 fewer than in the previous month.

Deaths from respiratory diseases other than phthisis, but exclusive of those associated with influenza, numbered 602, which is 130 more than in the previous month. These deaths equal a death-rate of 3·1 per thousand, which rate is 0·8 more than in the previous month, but 0·6 less than the November average.

Deaths from all forms of tuberculous disease numbered 207, of which 157 were attributed to tuberculosis of the respiratory system. The former number is 20 more than in the previous month, but 26 less than the November average. The latter number is 25 more than in the previous month, but 20 less than the November average.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

NOVEMBER 1927.

Mean barometric pressure, 29·875 in.; greater than the average of 1881-1915 by 0·054 in.

Mean temperature, 42°·3; greater by 0°·2.

Mean daily range of temperature, 8°·3; less by 1°·4.

Rain, depth in inches, 3·86; greater by 0·33.

Wind, direction of: a 3 days' excess of south-westerly winds.

A very disturbed south-westerly type of weather prevailed during the first three days of the month, with westerly winds on 4th and 5th. A northerly type of pressure distribution then developed, and this continued for ten days. By 16th southerly winds were again in evidence; from 18th to 21st strong easterly winds prevailed; and after strong south-westerly winds or gales for two or three days, conditions became rather quiet over Scotland. At Edinburgh, at mean sea-level, the extremes were 30·57 in. on 29th and 29·22 in. on 5th.

During the last ten days of October the weather had been extremely mild, and during the first three days of November temperature remained abnormally high (65° at Kelso on 2nd.). By 6th there was a complete transition to a very wintry type; at Aberdeen on 8th the maximum temperature of 35° was in contrast with a reading of 62° on 2nd; and generally the week ending on 12th was almost the coldest of the year. The lowest reading recorded was 9° at Braemar on 12th and 13th. From 16th onwards temperature was for the most part moderately high, though rather low around 20th and on 30th.

Relatively to the normal rainfall aggregates varied irregularly; but towards south-east there was in general a deficiency, and towards south-west and in extreme north an excess. Heavy to very heavy falls were general on 1st, with further more moderate falls in east until 3rd and in west until 5th. During the cold spell snow occurred; nearly everywhere except in the extreme north there were moderate to heavy rains between 15th and 18th; and between 23rd and 28th there were some rather wet days, except in some eastern districts. On 1st wide areas had more than 1 in., with more than 2 in. at many places, e.g. 2·73 in. at Inveraray and 2·22 in. at Langholm. On 18th Lochgoilhead had as much as 3·15 in.

Stormy weather prevailed during the first two or three days, and for some days around 21st conditions were extremely disturbed, especially in the North Sea and along the east coast, with some disasters to shipping. Snow fell in the north and on the Borders on 7th, with further heavy falls in the north on several days thereafter and very serious drifting in some districts.

Thunderstorms occurred locally in Argyllshire on 7th; somewhat widely in north-west and north on 24th; and in Orkney and Shetland on 25th or 26th.

Some fog occurred; the period from 18th to 23rd was very cloudy; but with some very sunny days sunshine aggregates were fully equal to the normal, and in the north decidedly above it.

Aurora was observed in Orkney or Shetland on 16th, 17th, 18th, 19th, 27th, 29th and 30th; and further south on two or three of these days.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 88.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, November 1927.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		
	Census 1921.	Estimated to middle of 1927.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW,	1,051,518	1,049,000	899	912	1811	1708	103	571	760	730	1490	149	46	1387
EDINBURGH,	420,264	426,100	306	300	606	555	51	247	272	260	532	74	7	465
DUNDEE,	168,315	170,800	148	120	268	243	25	47	97	117	214	14	6	206
ABERDEEN,	158,963	158,300	104	110	214	198	16	100	82	93	175	40	24	159
PAISLEY,	84,837	86,200	73	67	140	136	4	38	54	59	113	13	4	104
GREENOCK,	81,123	81,900	83	61	144	134	10	19	41	59	100	3	2	99
MOTHERWELL AND WISHAW,	68,869	71,200	50	63	113	107	6	19	33	18	51	0	11	62
CLYDEBANK,	46,601	46,700	37	35	72	68	4	16	15	15	30	0	19	49
COATBRIDGE,	43,919	44,000	46	39	85	80	5	24	28	19	47	1	9	55
DUNFERMLINE,	39,899	36,200	21	27	48	41	7	17	13	15	28	6	2	24
KIRKCALDY,	39,591	42,000	26	30	56	53	3	21	13	18	31	1	6	36
HAMILTON,	39,504	40,100	38	26	64	58	6	17	14	11	25	3	10	32
KILMARNOCK,	35,911	37,300	36	31	67	65	2	19	21	26	47	12	1	36
AYR,	35,763	38,200	22	23	45	43	2	18	24	21	45	10	4	39
FALKIRK,	33,308	34,500	37	31	68	65	3	18	21	15	36	3	1	34
PERTH,	33,208	33,200	12	20	32	28	4	30	27	28	55	14	2	43
TOTAL (SIXTEEN TOWNS)	2,381,593	2,395,700	1938	1895	3833	3582	251	1221	1515	1504	3019	343	154	2830

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, November 1927.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	21·0	5·7	6·6	17·3	16·1	1·4	1·2	0·9	4·2	291	150
EDINBURGH,	17·3	8·4	7·1	15·2	13·3	0·4	0·7	0·5	2·8	54	86
DUNDEE,	19·1	9·3	3·3	15·2	14·7	1·0	0·9	0·7	2·5	32	110
ABERDEEN,	16·4	7·5	7·7	13·4	12·2	0·7	1·3	0·9	1·3	20	77
PAISLEY,	19·7	2·9	5·4	15·9	14·7	1·7	1·7	1·1	2·3	23	154
GREENOCK,	21·4	6·9	2·8	14·9	14·7	0·1	1·2	0·9	2·8	10	68
MOTHERWELL AND WISHAW.	19·3	5·3	3·2	8·7	10·6	0·3	1·7	1·5	1·0	8	66
CLYDEBANK,	18·8	5·6	4·2	7·8	12·8	1·3	0·8	0·8	1·8	11	131
COATBRIDGE,	23·5	5·9	6·6	13·0	15·2	2·8	0·0	0·0	2·8	13	137
DUNFERMLINE,	16·2	14·6	5·7	9·4	8·1	0·0	0·3	0·3	1·3	6	109
KIRKCALDY,	16·2	5·4	6·1	9·0	10·4	0·0	0·6	0·3	0·9	4	66
HAMILTON,	19·4	9·4	5·2	7·6	9·7	0·6	0·3	0·3	1·2	5	69
KILMARNOCK,	21·9	3·0	6·2	15·3	11·7	0·0	2·0	1·6	1·6	6	95
AYR,	14·3	4·4	5·7	14·3	12·4	1·0	1·0	0·6	2·6	4	70
FALKIRK,	24·0	4·4	6·4	12·7	12·0	1·4	1·8	1·8	0·7	2	33
PERTH,	11·7	12·5	11·0	20·1	15·7	0·4	0·4	0·4	2·2	2	42
TOTAL (SIXTEEN TOWNS)	19·5	6·5	6·2	15·3	14·4	1·0	1·1	0·8	3·1	491	119

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR NOVEMBER 1927, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

Month.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. Seven Towns only).
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
NOV. 1927,	**19·5**	**6·5**	**6·2**	**14 4**	**1**	**0**	**81**	**15**	**17**	**34**	**55**	**119**	**42°·3**
NOV. 1926,	21·2	5·5	6·2	15·5	3	0	5	11	8	28	41	111	40°·9
NOV. 1925,	21·4	5·9	6·6	16·1	2	0	35	21	18	40	38	126	37°·8
NOV. 1924,	21·1	6·8	6·2	15·1	0	0	60	29	77	29	47	103	44°·2
NOV. 1923,	22·8	5·8	5·6	13·5	3	0	119	16	35	37	31	73	38°·1
NOV. 1922,	21·9	6 7	6·6	11 9	5	0	75	18	52	33	40	102	43°·3
NOV. 1921,	25·2	6·9	7·1	14·4	6	0	4	17	11	22	67	84	40°·3
NOV. 1920,	26·9	7·5	10·2	15·6	5	4	7	16	21	45	76	110	45°·5
NOV. 1919,	28·8	7·5	9 8	14·7	4	0	62	24	11	40	50	114	36 ·2
NOV. 1918,	19·9	9·2	7·7	25·8	3	0	4	13	52	51	34	138	40° 5
NOV. 1917,	21·0	9·1	8·1	13·2	0	0	46	11	30	45	39	103	45°·2

Figures in columns 5-13 have been corrected for non-resident deaths.

* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—November 1927.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over
teric Fever	1	1	–	–	–	–	–	1	–	–	–	–	–	–	–
phus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
all-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
easles	81	40	41	32	45	4	–	–	–	–	–	–	–	–	–
arlet Fever	15	9	6	–	8	3	3	1	–	–	–	–	–	–	–
hooping-cough	17	9	8	10	7	–	–	–	–	–	–	–	–	–	–
phtheria	34	18	16	4	19	9	–	–	1	1	–	–	–	–	–
luenza	32	14	18	3	4	2	–	1	1	2	5	3	9	2	–
cephalitis Lethargica	3	2	1	–	–	–	–	–	1	1	–	1	–	–	–
rebro-spinal Meningitis	8	5	3	2	3	2	–	–	1	–	–	–	–	–	–
her Epidemic Diseases	8	4	4	2	–	–	–	1	–	–	–	3	1	–	1
berculosis of Respiratory System	157	85	72	2	4	3	2	39	42	31	16	14	4	–	–
berculous Meningitis	17	10	7	1	6	5	1	3	1	–	–	–	–	–	–
berculosis of Intestines and Peritoneum	15	11	4	1	4	1	1	3	2	1	1	–	1	–	–
her Tuberculous Disease	18	9	9	–	2	2	–	3	4	2	3	2	–	–	–
lignant Tumours	284	124	160	–	1	1	–	2	6	16	61	73	69	49	6
eumatic Fever	7	4	3	–	1	2	2	–	–	1	1	–	–	–	–
ningitis (not Cer.-spin. or Tuberc.)	15	5	10	7	2	2	1	1	–	–	1	–	1	–	–
oplexy	227	93	134	–	–	–	–	1	1	9	18	47	95	47	9
art Disease	311	144	167	–	–	1	4	4	17	19	38	65	84	62	17
eases of Arteries	35	23	12	–	–	–	–	–	–	1	1	3	15	12	3
onchitis	183	100	83	41	6	–	1	1	3	5	8	27	42	39	10
eumonia (all forms)	388	224	164	150	73	9	2	7	9	26	16	32	32	30	2
her Diseases of Respiratory System	31	15	16	8	6	3	–	–	–	5	–	1	4	3	1
arrhœa and Enteritis (under 2 years)	55	29	26	47	8	–	–	–	–	–	–	–	–	–	–
pendicitis	20	13	7	–	2	3	2	3	2	2	3	1	2	–	–
Diseases of Liver (not Malignant)	31	13	18	–	–	–	–	1	2	3	2	14	7	2	–
phritis, Acute and Chronic	85	42	43	–	–	1	–	2	3	8	19	30	13	8	1
erperal Sepsis	6	–	6	–	–	–	–	–	2	4	–	–	–	–	–
her Dis. & Accidents of Preg. & Part.	28	–	28	–	–	–	–	4	11	13	–	–	–	–	–
eases of Early Infancy and Malform.	144	80	64	142	2	–	–	–	–	–	–	–	–	–	–
cide	17	10	7	–	–	–	–	1	1	1	10	4	–	–	–
her Violent Deaths	115	77	38	3	13	9	5	8	7	9	14	15	15	12	5
her Defined Diseases	400	180	220	31	7	10	2	11	14	21	45	59	88	77	35
ses Ill-defined or Unknown	42	25	17	5	3	–	–	–	2	2	6	8	10	6	–
	2830	1418	1412	491	226	72	26	98	133	183	268	402	492	349	90

DEATHS IN EACH TOWN (corrected for Transfers)—November 1927.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	1	1	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	81	62	3	1	...	5	...	...	2
Scarlet Fever	15	6	4	1	1	...	...	...	...
Whooping-cough	17	7	2	...	5	1	1	...	...
Diphtheria	34	17	4	5	1	1	...	...	2
Influenza	32	13	8	4	1	...	...	1	...
Encephalitis Lethargica	3	2	1	...	...	...	...	...	...
Cerebro-spinal Meningitis	8	3	1	2	1	...	...	...	...
Other Epidemic Diseases	8	4	...	1	...	2	...	...	...
Tuberculosis of Respiratory System ...	157	76	17	10	12	8	6	9	3
Tuberculous Meningitis	17	11	2	1	1	1	...	...	...
Tuber. of Intestines and Peritoneum ...	15	8	1	1	1	1	1	1	...
Other Tuberculous Disease	18	7	3	1	3	2	1	...	...
Malignant Tumours	284	132	51	19	17	9	9	9	6
Rheumatic Fever	7	2	1	...	...	1	1	1	...
Meningitis (not Cerebro-spinal or Tuber.)	15	8	2	1	...	1	1	...	...
Apoplexy	227	101	41	19	12	6	11	3	5
Heart Disease	311	128	59	26	28	5	10	6	5
Diseases of Arteries	35	8	7	5	3	2	1	1	1
Bronchitis	183	90	41	12	7	3	11	2	2
Pneumonia (all forms)	388	255	51	23	9	12	7	3	5
Other Diseases of Respiratory System	31	18	5	...	1	1	1	1	...
Diarrhœa and Enteritis (under 2 years)	55	32	2	7	2	5	...	2	1
Appendicitis	20	6	1	1	2	...	3	...	2
All Diseases of Liver (not Malignant)	31	14	5	4	2	...	3	1	...
Nephritis, Acute and Chronic	85	40	15	6	1	4	2	5	1
Puerperal Sepsis	6	3	...	...	...	1	...	...	1
Other Diseases and Accidents of Pregnancy and Parturition	28	13	6	1	3	1	1	1	1
Dis. of Early Infancy and Malformations	144	64	21	11	7	11	5	3	6
Suicide	17	11	3	...	1	...	...	...	1
Other Violent Deaths	115	53	19	1	10	7	8	2	1
Other Defined Diseases	400	166	88	39	26	14	16	9	4
Causes Ill-defined or Unknown ...	42	26	1	4	2	...	...	2	...
All Causes ...	2830	1387	465	206	159	104	99	62	49
AGE AT DEATH.									
Under 1	491	291	54	32	20	23	10	8	11
1– 4	226	137	30	11	7	11	9	3	2
5– 9	72	34	10	6	4	2	3	1	1
10–14	26	10	6	3	...	...	4	...	...
15–24	98	51	9	6	6	10	3	3	2
25–34	133	66	20	11	11	3	5	3	3
35–44	183	92	24	10	8	9	9	5	3
45–54	268	124	50	14	10	9	12	7	8
55–64	402	196	65	32	20	8	11	12	8
65–74	492	211	97	44	32	21	16	14	7
75–84	349	147	77	26	33	5	13	4	3
85 and over	90	28	23	11	8	3	4	2	1
All Ages ...	2830	1387	465	206	159	104	99	62	49

DEATHS IN EACH TOWN (corrected for Transfers)—**November 1927**—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	5	...	...	1	...	...	2	...
Scarlet Fever	1	...	...	...	...	1	...	1
Whooping-cough	1	...	...	...	...	...	...	...
Diphtheria	1	...	...	...	...	1	2	...
Influenza...	1	1	...	1	2	...	...	...
Encephalitis Lethargica	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	1	...	...	...	...	...	...
Other Epidemic Diseases	1	...	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	...	1	1	1	5	2	5	1
Tuberculous Meningitis	...	...	...	...	1	...	...	...
Tuber. of Intestines and Peritoneum ...	...	...	...	...	...	1	...	...
Other Tuberculous Disease	...	...	1	...	...	...	...	...
Malignant Tumours	5	1	5	3	4	4	4	6
Rheumatic Fever	...	1	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	1	...	...	...	...	...	...	1
Apoplexy...	5	2	8	1	5	4	3	1
Heart Disease	5	3	5	6	3	5	8	9
Diseases of Arteries	1	1	1	...	...	1	...	3
Bronchitis	1	2	2	2	1	2	1	4
Pneumonia (all forms)	9	2	1	1	4	5	1	...
Other Diseases of Respiratory System	...	...	...	1	...	1	...	2
Diarrhœa and Entiritis (under 2 years)	2	...	...	1	...	1	...	...
Appendicitis	...	...	1	1	1	1	...	1
All Diseases of Liver (not Malignant)	...	...	2	...	...	...	...	...
Nephritis, Acute and Chronic	2	...	2	1	2	1	2	1
Puerperal Sepsis	...	...	...	1	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	1	...	...	...	...	...	...	...
Dis. of Early Infancy and Malformations	3	2	4	1	2	1	1	2
Suicide	...	...	...	1	...	...	...	...
Other Violent Deaths	3	1	...	3	5	...	...	2
Other Defined Diseases...	5	6	2	5	1	6	4	9
Causes Ill-defined or Unknown ...	2	...	1	1	...	2	1	...
All Causes ...	55	24	36	32	36	39	34	43
AGE AT DEATH.								
Under 1	13	6	4	5	6	4	2	2
1– 4	4	...	1	2	...	3	3	3
5– 9	4	1	...	...	3	1	1	1
10–14	...	...	...	1	2	...	...	...
15–24	1	...	...	1	2	2	2	...
25–34	1	1	1	1	1	1	4	1
35–44	2	3	2	3	5	3	2	3
45–54	6	2	3	3	4	5	5	6
55–64	13	5	6	5	7	4	6	4
65–74	5	3	8	5	5	6	8	10
75–84	3	3	11	5	1	9	1	8
85 and over	3	...	...	1	...	1	...	5
All Ages ...	55	24	36	32	36	39	34	43

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth, During the Month of November 1927.

OBSERVERS.	Height of Barometer above Sea-level.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Station-level and 32°.	AIR PRESSURE Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A.)	Mean of Minimum (B.)	Mean of A and B (Mean Temperature).	Difference from Average.	Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°			°	inch.	per cent.		inch.	inch.									
GLASGOW, Professor J. R. Currie, M.D., The University.	139	29·721	29·876	47·5	39·4	43·5	+0·9	62	2nd	26	8th	43·4	2·3	·226	81	19	3·79	+0·15	0	4	12	4	2	16	14	6	2
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·403	29·891	46·3	38·0	42·1	−0·1	63	2nd	27	8th	41·7	2·1	·220	82	17	1·40	−0·75	7	1	9	3	6	6	24	2	2
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·678	29·861	45·5	36·8	41·1	−0·2	60	2nd	25	30th	40·9	1·5	·226	87	17	2·97	+0·53	0	3	0	14	0	29	0	14	0
ABERDEEN,* The Meterological Office.	90	29·755	29·857	44·9	38·7	41·8	−0·3	63	2nd	27	13th	41·5	2·1	·216	83	20	3·99	+1·04	1	0	5	6	13	10	13	12	0
PAISLEY, The Coats Observatory.	107	29·770	29·890	47·4	38·5	42·9	−0·1	62	2nd	25	8th	42·8	1·7	·236	85	20	4·20	+0·02	3	3	8	2	9	10	16	3	6
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	233	29·627	29·888	46·9	40·1	43·5	+0·8	61	1st	30	8th	43·2	2·0	·230	83	25	8·28	+1·86	2	2	13	4	7	13	15	4	0
PERTH,† J. Ritchie, The Museum.	22	29·836	29·861	46·9	35·7	41·3	+0·2	62	1, 2	21	30th	41·2	1·3	·230	89	18	2·37	−0·51	0	2	2	14	2	29	0	11	0
Means . .	171	29·684	29·875	46·5	38·2	42·3	+0·2	..	..	..	..	42·1	1·9	226	84	19	3·86	+0·33	2	2	7	7	6	16	12	7	1

North Latitude.—Glasgow, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley, 55° 51′; Greenock, 55° 57; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Glasgow, 4° 17′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46; Perth, 3° 25′; Mean, 3° 36′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

DECEMBER 1927.

Published by Authority of the Registrar-General.

REPORT

During the month of December 1927 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1921 Census had populations of over 30,000, the births of 4140 living children, of whom 2129 were males, and 2011 were females. Compared with the number registered in the previous month, that of male children is 191 more, and of female children 116 more, the total children being 307 more. The monthly birth-rate of these towns taken collectively was 20·3 per thousand, which rate is 0·8 more than that of the previous month, but 1·2 less than the December average.

In the individual towns the monthly birth-rate varied from 28·9 in Coatbridge, 23·3 in Motherwell and Wishaw, 22·9 in Hamilton, and 22·7 in Aberdeen, to 14·0 in Dunfermline, 16·6 in Edinburgh, and 17·1 in Kirkcaldy and in Falkirk. In Greenock this rate was 22·3, in Glasgow 21·3, in Kilmarnock 20·8, in Clydebank 20·4, in Dundee 20·2, in Perth 19·5, in Paisley 19·4 and in Ayr 18·5.

Of the 4140 living children whose births were registered during the month, 3867, or 93·4 per cent., were legitimate, while 273, or 6·6 per cent., were illegitimate. The legitimate children of the month numbered 285 more than in the previous month, and the illegitimate children 22 more. The illegitimate rate of the month, 6·6 per cent., is 0·1 more than that of the previous month. In the individual towns the illegitimate rate varied from 9·6 in Dundee, 9·5 in Edinburgh, 8·3 in Ayr, and 7·3 in Perth, to 2·3 in Dunfermline, 2·8 in Paisley, 4·0 in Falkirk and 4·3 in Aberdeen. In Glasgow this rate was 6·6 per cent.

Marriages registered during the month numbered 1890, and equalled a marriage-rate of 9·3 per thousand. This number is 669 more than that of the previous month. This rate is 3·1 more than that of the previous month, and 0·3 more than the December average. In the individual towns the monthly marriage-rate varied from 15·8 in Kilmarnock, 13·9 in Aberdeen, 11·0 in Perth and 10·5 in Dundee, to 3·8 in Falkirk, 6·2 in Ayr and 6·8 in Dunfermline. In Glasgow this rate was 9·2 per thousand and in Edinburgh 9·4.

Deaths registered in these towns during the month numbered 3881, including 1964 of males and 1917 of females. Deducting the deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the three preceding years.

persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 3709, and to include the deaths of 1876 males and 1833 females. The corrected number is 879 more than that of the previous month.

The monthly death-rate in these sixteen towns taken collectively and based on the corrected number of deaths was 18·2 per thousand. This rate is 3·8 more than that of the previous month, and 1·2 more than the December average. In the individual towns the monthly death-rate averaged 15·8, and varied from 21·7 in Coatbridge, 21·6 in Paisley and 20·4 in Glasgow, to 9·8 in Dunfermline, 12·3 in Hamilton and 12·7 in Ayr. In Dundee the monthly death-rate was 18·5, in Edinburgh 17·7, in Perth 16·6, in Kirkcaldy 15·4, in Greenock 15·1, in Clydebank 15·1, in Falkirk 15·0, in Kilmarnock 14·2, in Aberdeen 14·2, and in Motherwell and Wishaw 13·2.

Deaths of children of less than one year old numbered 623, and equalled an infantile mortality rate of 146 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths number 132 more than in the previous month. This rate is 27 more than that of the previous month, and 17 more than the December average. In the individual towns the infantile mortality rate of the month varied from 235 in Coatbridge, 210 in Falkirk and 204 in Paisley, to 36 in Dunfermline, 68 in Ayr and 94 in Edinburgh. In Dundee this rate was 187, in Kilmarnock 167, in Glasgow 162, in Motherwell and Wishaw 151, in Greenock 150, in Kirkcaldy 111, in Hamilton 107, in Clydebank 105, in Perth 102 and in Aberdeen 100.

Deaths from the principal epidemic diseases numbered 358, and equalled a death-rate of 1·8 per thousand. These deaths collectively numbered 155 more than in the previous month, and 122 more than the December average. They included 2 from enteric fever, 193 from measles, of which 153 were registered in Glasgow and 23 in Paisley, 9 from scarlet fever, 49 from whooping-cough, 51 from diphtheria, and 54 from the diarrhœas of childhood. Compared with the number in the previous month deaths from measles are 112 more, from whooping-cough 32 more, from diphtheria 17 more, and from enteric fever 1 more, but those from the diarrhœas of childhood are 1 fewer, and from scarlet fever 6 fewer.

Deaths from influenza in all numbered 60, which is 28 more than in the previous month and 23 more than in October.

Deaths from respiratory diseases other than phthisis, but exclusive of those associated with influenza, numbered 878, which is 276 more than in the previous month. These deaths equal a death-rate of 4·3 per thousand, which rate is 1·2 more than that of the previous month, and 0·1 more than the December average.

Deaths from all forms of tuberculous disease numbered 226, of which 173 were attributed to tuberculosis of the respiratory system, the former number being 19 more than in the previous month, but 10 less than the December average. The latter number is 16 more than in the previous month, but the same as the December average.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

DECEMBER 1927.

Mean barometric pressure, 29·978 in.; greater than the average of 1881-1915 by 0·236 in.

Mean temperature, 35°·7; less by 3°·1.

Mean daily range of temperature, 5°·8; less by 3°·1.

Rain, depth in inches, 1·67; less by 2·38.

Wind, direction of: a 15 days' excess of winds from between north-east and south-east.

The weather of the month was largely dominated by high pressure areas centred at first over Scandinavia and from 11th to 25th over Iceland, with Atlantic depressions encroaching about 5th, 13th and 21st. During the last week some very vigorous depressions travelled eastwards across the South of England. The predominance of winds from a northerly or easterly point was very striking and the range of pressure for the month was large. At Edinburgh, at mean sea-level, the extremes were 30·82 in. on 28th and 28·70 in. on 22nd.

Temperature was at first moderate (53° at Achnashellach on 6th); but soon an exceedingly wintry type of conditions set in. On 17th and 18th the thermometer in the regulation "Stevenson Screen" at Braemar and at Logie Coldstone fell to 0° F., and on 17th a thermometer exposed in the open at Balmoral fell to 4° below zero. After a temporary rise of temperature on 21st, very cold weather was again in evidence during the closing week. A notable feature of the month was the extremely small mean daily range of temperature, a result of the persistent coldness of the days.

In East Lothian and part of Forfarshire the month's precipitation equalled or exceeded the normal; but elsewhere there was a deficiency, moderate in eastern districts but becoming more marked towards the west, where the month was everywhere notably dry. Over considerable areas in north-west aggregates were less than half an inch, with only 5 per cent. of the normal at Fort William and only 3 per cent. at Glenquoich. At both these places, as at many others, the month was much the driest December on record. In eastern districts amounts were largely accounted for by snow on 14th, and by rain or snow on 21st, 22nd and 26th; in south and west there were moderate falls on 5th, 14th, and on 21st, 22nd and 31st; whilst at Bendamph, on Loch Torridon, there were measurable amounts only on 6th and 22nd.

Snow fell in north-east and east between 15th and 19th, and there were further very heavy falls in these areas from 24th onwards with strong north-easterly winds or gales and extensive blocking of roads by deep snow drifts, notably in parts of Banffshire and Morayshire. For some days conditions were of an extremely wintry and stormy type; but towards south-west no snow was experienced until 31st. Earlier in the month wind force was high around 5th, and for the greater part of the month very stormy weather prevailed in the North Sea.

No thunder was reported.

Sunshine aggregates were above the normal in west and north-west; but in eastern districts the month was almost continuously gloomy until the last week. At Edinburgh as many as 18 days were absolutely sunless, and of the month's aggregate sunshine of 17·5 hours, nearly 15 hours were accounted for from 26th onwards.

Aurora was observed at one or more points on as many as thirteen nights,—in Shetland on each night from 13th to 19th, and on 22nd, 24th, 25th, 27th, 28th and 29th. Displays on 13th and 28th were observed rather widely.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 96.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES in the Principal Towns, December 1927.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
									REGISTERED			TRANSFERS		
	Census 1921.	Estimated to middle of 1927.	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW,	1,051,518	1,049,000	992	910	1902	1777	125	820	1007	904	1911	142	51	1820
EDINBURGH,	420,264	426,100	309	291	600	543	57	340	331	376	707	77	11	641
DUNDEE,	168,315	170,800	138	155	293	265	28	152	134	144	278	14	5	269
ABERDEEN,	158,963	158,300	153	152	305	292	13	187	84	95	179	19	31	191
PAISLEY,	84,837	86,200	80	62	142	138	4	53	82	87	169	12	1	158
GREENOCK,	81,123	81,900	78	77	155	147	8	48	60	50	110	6	1	105
MOTHERWELL AND WISHAW,	68,869	71,200	76	65	141	135	6	45	39	28	67	0	13	80
CLYDEBANK,	46,601	46,700	34	47	81	77	4	36	20	22	42	2	20	60
COATBRIDGE,	43,919	44,000	57	51	108	102	6	26	36	38	74	1	8	81
DUNFERMLINE,	39,899	36,200	24	19	43	42	1	21	20	20	40	10	0	30
KIRKCALDY,	39,591	42,000	34	27	61	58	3	25	27	27	54	5	6	55
HAMILTON,	39,504	40,100	43	35	78	74	4	25	16	19	35	2	9	42
KILMARNOCK,	35,911	37,300	28	38	66	63	3	50	33	17	50	6	1	45
AYR,	35,763	38,200	33	27	60	55	5	20	25	27	52	13	2	41
FALKIRK,	33,308	34,500	23	27	50	48	2	11	26	29	55	11	0	44
PERTH,	33,208	33,200	27	28	55	51	4	31	24	34	58	13	2	47
TOTAL (SIXTEEN TOWNS)	2,381,593	2,395,700	2129	2011	4140	3867	273	1890	1964	1917	3881	333	161	3709

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES in the Principal Towns, December 1927.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW,	21·3	6·6	9·2	21·5	20·4	2·8	1·1	0·8	5·1	324	162
EDINBURGH,	16·6	9·5	9·4	19·5	17·7	0·7	1·1	0·8	3·9	61	94
DUNDEE,	20·2	9·6	10·5	19·2	18·5	1·0	1·1	0·8	4·1	56	187
ABERDEEN,	22·7	4·3	13·9	13·3	14·2	0·4	1·3	1·2	2·1	27	100
PAISLEY,	19·4	2·8	7·2	23·1	21·6	3·5	1·6	1·6	5·5	31	204
GREENOCK,	22·3	5·2	6·9	15·8	15·1	0·4	1·3	0·9	2·9	23	150
MOTHERWELL AND WISHAW,	23·3	4·3	7·4	11·1	13·2	0·8	0·7	0·3	3·6	19	151
CLYDEBANK,	20·4	4·9	9·1	10·6	15·1	2·5	1·3	1·3	2·8	9	105
COATBRIDGE,	28·9	5·6	7·0	19·8	21·7	1·1	1·1	0·5	7·8	23	235
DUNFERMLINE,	14·0	2·3	6·8	13·0	9·8	0·3	0·7	0·3	2·3	2	36
KIRKCALDY,	17·1	4·9	7·0	15·1	15·4	0·0	1·4	1·1	1·4	7	111
HAMILTON,	22·9	5·1	7·3	10·3	12·3	0·3	0·6	0·6	4·4	8	107
KILMARNOCK,	20·8	4·5	15·8	15·8	14·2	0·6	0·6	0·6	5·1	11	167
AYR,	18·5	8·3	6·2	16·0	12·7	0·0	1·2	0·9	3·4	4	68
FALKIRK,	17·1	4·0	3·8	18·8	15·0	2·4	1·0	0·7	4·4	13	210
PERTH,	19·5	7·3	11·0	20·5	16·6	1·1	0·4	0·0	1·8	5	102
TOTAL (SIXTEEN TOWNS)	20·3	6·6	9·3	19·1	18·2	1·8	1·1	0·9	4·3	623	146

* Based on the average number of births registered monthly during the past 12 months.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR DECEMBER 1927, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM							*Infantile Mortality Rate.	Mean Temperature. Seven Towns only).
					Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Diarrhœa (Under 2 Years).		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
DEC. 1927, .	**20·3**	**6·6**	**9·3**	**18·2**	**2**	**0**	**193**	**9**	**49**	**51**	**54**	**146**	**35°·7**
DEC. 1926, .	20·6	6·4	8·6	14·9	2	0	12	21	18	39	27	118	40°·4
DEC. 1925, .	22·6	6·6	8·5	18·7	1	0	67	21	38	42	44	122	35°·1
DEC. 1924, .	21·3	7·1	9·7	16·7	4	0	96	34	166	29	47	125	44°·5
DEC. 1923, .	22·7	6·7	9·8	16·1	2	0	190	21	57	32	37	98	37°·8
DEC. 1922, .	24·1	7·1	9·0	14·2	3	0	92	20	53	34	34	118	41°·3
DEC. 1921, .	26·1	6·3	10·0	14·7	2	0	77	14	26	32	43	89	43°·3
DEC. 1920, .	27·3	8·5	13·2	17·6	3	4	12	10	36	36	47	119	38°·7
DEC. 1919, .	33·0	7·3	14·4	15·5	3	0	60	19	20	47	49	122	38·9
DEC. 1918, .	19·4	9·8	10·8	17·7	3	0	3	9	55	40	32	129	41°·1
DEC. 1917, .	18·2	9·2	9·8	14·5	7	0	64	8	54	50	45	124	37°·0

Figures in columns 5-13 have been corrected for non-resident deaths.

* Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—December 1927.

CAUSES OF DEATH.	Total.	Males.	Females.	Age.											
				-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over
teric Fever	2	2	–	–	–	–	–	–	–	2	–	–	–	–	–
phus Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
all-pox	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
asles	193	106	87	50	142	–	–	–	–	–	1	–	–	–	–
arlet Fever	9	3	6	1	6	1	–	–	–	1	–	–	–	–	–
hooping-cough	49	20	29	17	31	1	–	–	–	–	–	–	–	–	–
phtheria	51	21	30	6	26	16	1	1	–	–	–	–	1	–	–
luenza	60	30	30	4	5	2	1	–	3	7	8	13	13	4	–
cephalitis Lethargica	4	3	1	–	–	–	–	–	1	–	1	1	1	–	–
rebro-spinal Meningitis	11	5	6	3	6	1	1	–	–	–	–	–	–	–	–
her Epidemic Diseases	10	4	6	1	1	–	–	1	1	1	–	2	2	1	–
berculosis of Respiratory System	173	82	91	1	2	5	4	36	42	34	25	17	7	–	–
berculous Meningitis	23	16	7	1	13	5	1	–	1	–	2	–	–	–	–
berculosis of Intestines and Peritoneum	7	4	3	–	2	1	1	–	1	1	1	–	–	–	–
her Tuberculous Disease	23	10	13	1	5	2	–	6	2	1	1	2	3	–	–
lignant Tumours	312	145	167	–	1	–	–	6	8	19	57	89	94	35	3
eumatic Fever	13	5	8	–	–	2	3	2	2	2	1	1	–	–	–
ningitis (not Cer.-spin. or Tuberc.)	19	10	9	8	8	1	–	1	–	1	–	–	–	–	–
oplexy	308	145	163	1	–	–	1	–	1	5	21	69	122	75	13
art Disease	423	202	221	1	1	2	8	7	13	27	51	81	116	101	15
seases of Arteries	46	30	16	–	–	–	–	–	–	1	3	5	15	17	5
onchitis	317	163	154	58	15	1	1	1	5	8	21	55	86	54	12
eumonia (all forms)	509	294	215	160	130	8	3	13	17	31	31	37	51	22	6
her Diseases of Respiratory System	52	26	26	9	5	1	2	1	2	2	3	4	6	14	3
arrhœa and Enteritis (under 2 years)	54	30	24	44	10	–	–	–	–	–	–	–	–	–	–
pendicitis	12	6	6	–	–	–	–	2	–	2	4	2	1	1	–
l Diseases of Liver (not Malignant)	26	8	18	–	–	1	–	–	–	2	7	6	8	2	–
phritis, Acute and Chronic	86	35	51	–	2	–	1	4	4	11	16	18	24	4	2
erperal Sepsis	11	–	11	–	–	–	–	3	6	2	–	–	–	–	–
her Dis. & Accidents of Preg. & Part.	25	–	25	–	–	–	–	4	11	10	–	–	–	–	–
seases of Early Infancy and Malform.	215	123	92	213	2	–	–	–	–	–	–	–	–	–	–
icide	17	10	7	–	–	–	–	–	4	3	7	–	3	–	–
her Violent Deaths	116	77	39	2	10	7	8	9	13	11	16	14	16	8	2
her Defined Diseases	488	233	250	38	14	10	4	17	23	36	47	62	88	87	57
uses Ill-defined or Unknown	50	28	22	4	3	–	–	–	–	1	7	17	10	8	–
	3709	1876	1833	623	440	67	40	114	160	221	331	495	667	433	118

DEATHS IN EACH TOWN (corrected for Transfers)—December 1927.

CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
Enteric Fever	2	1	...	...	...	...	1	...	...
Typhus Fever	...	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...	...
Measles	193	153	1	2	...	23	1	...	7
Scarlet Fever	9	8	...	...	...	...	...	...	...
Whooping-cough	49	27	10	2	3	2	1	...	...
Diphtheria	51	23	6	9	2	1	...	3	3
Influenza	60	25	11	4	1	5	2	3	2
Encephalitis Lethargica	4	2	1	...	...	...	...	1	...
Cerebro-spinal Meningitis	11	7	3	1	...	...	...	...	...
Other Epidemic Diseases	10	7	2	1	...	...	...	...	...
Tuberculosis of Respiratory System ...	173	74	30	12	16	12	6	2	5
Tuberculous Meningitis	23	15	2	2	...	...	1	...	...
Tuber. of Intestines and Peritoneum ...	7	2	4	...	...	...	...	...	...
Other Tuberculous Disease	23	9	4	2	1	...	2	2	...
Malignant Tumours	312	145	53	29	21	13	8	8	3
Rheumatic Fever	13	7	3	...	...	...	2	...	1
Meningitis (not Cerebro-spinal or Tuber.)	19	5	2	3	1	1	2	...	1
Apoplexy	308	141	62	23	16	6	9	6	2
Heart Disease	423	194	89	39	28	13	9	9	4
Diseases of Arteries	46	15	9	5	5	4	1	...	2
Bronchitis	317	159	58	17	8	14	5	12	2
Pneumonia (all forms)	509	282	72	39	15	24	13	8	9
Other Diseases of Respiratory System	52	16	10	3	5	2	2	2	...
Diarrhœa and Enteritis (under 2 years)	54	39	7	2	1	...	...	2	...
Appendicitis	12	3	3	...	2	...	...	...	...
All Diseases of Liver (not Malignant)	26	9	5	2	3	...	1	1	...
Nephritis, Acute and Chronic	86	34	15	8	4	6	5	1	3
Puerperal Sepsis	11	2	5	1	1	...	...	...	...
Other Diseases and Accidents of Pregnancy and Parturition	25	12	3	2	2	1	1	...	...
Dis. of Early Infancy and Malformations	215	95	34	20	16	9	8	8	3
Suicide	17	5	7	...	1	...	...	...	...
Other Violent Deaths	116	64	18	11	4	4	2	2	3
Other Defined Diseases	483	208	109	26	32	16	22	10	10
Causes Ill-defined or Unknown ...	50	32	3	4	3	2	1	...	...
All Causes ...	3709	1820	641	269	191	158	105	80	60
AGE AT DEATH.									
Under 1	623	324	61	56	27	31	23	19	9
1– 4	440	288	41	18	4	26	10	10	12
5– 9	67	34	14	3	3	3	...	2	2
10–14	40	18	5	3	3	2	4	...	1
15–24	114	66	13	4	4	9	4	1	2
25–34	160	63	33	13	9	7	8	4	3
35–44	221	110	40	14	10	5	9	4	4
45–54	331	175	47	26	18	15	5	9	6
55–64	495	229	77	41	42	20	15	13	8
65–74	667	301	164	43	29	19	17	11	6
75–84	433	175	112	39	31	15	7	6	5
85 and over	118	37	34	9	11	6	3	1	2
All Ages ...	3709	1820	641	269	191	158	105	80	60

DEATHS IN EACH TOWN (corrected for Transfers)—December 1927—*continued.*

CAUSES OF DEATH.	Coatbridge.	Dunfermline.	Kirkcaldy.	Hamilton.	Kilmarnock.	Ayr.	Falkirk.	Perth.
Enteric Fever	...	...	...	...	...	...	...	...
Typhus Fever	...	...	...	...	...	...	...	...
Small-pox	...	...	...	...	...	...	...	...
Measles	2	...	...	...	...	...	2	2
Scarlet Fever	...	...	...	...	1	...	...	...
Whooping-cough	1	1	...	...	...	...	2	...
Diphtheria	...	...	...	...	...	...	3	1
Influenza...	2	...	1	...	3	...	...	1
Encephalitis Lethargica	...	...	...	...	...	...	...	...
Cerebro-spinal Meningitis	...	...	...	...	...	...	...	...
Other Epidemic Diseases	...	...	...	...	...	...	...	...
Tuberculosis of Respiratory System ...	2	1	4	2	2	3	2	...
Tuberculous Meningitis	1	...	...	...	...	1	1	...
Tuber. of Intestines and Peritoneum ...	...	1	...	...	...	...	...	...
Other Tuberculous Disease	1	...	1	...	...	...	...	1
Malignant Tumours	5	2	11	2	2	5	2	3
Rheumatic Fever	...	...	...	...	...	...	...	...
Meningitis (not Cerebro-spinal or Tuber.)	1	...	...	3	...	...	...	...
Apoplexy...	4	9	9	2	8	4	2	5
Heart Disease	8	2	2	6	3	6	3	8
Diseases of Arteries	1	...	...	...	...	1	...	3
Bronchitis	7	2	3	6	9	7	5	3
Pneumonia (all forms)	21	2	2	8	5	3	5	1
Other Diseases of Respiratory System	1	3	...	1	2	1	3	1
Diarrhœa and Entiritis (under 2 years)	1	...	...	1	1	...	...	...
Appendicitis	...	...	2	...	1	...	1	...
All Diseases of Liver (not Malignant)	...	1	2	1	...	...	...	1
Nephritis, Acute and Chronic	2	2	1	2	...	2	1	...
Puerperal Sepsis	1	...	...	...	...	1	...	...
Other Diseases and Accidents of Pregnancy and Parturition	1	...	1	...	1	...	1	...
Dis. of Early Infancy and Malformations	3	1	5	...	3	2	5	3
Suicide	...	...	1	1	...	...	...	2
Other Violent Deaths	2	...	1	...	1	1	...	3
Other Defined Diseases...	12	3	9	6	3	3	6	8
Causes Ill-defined or Unknown ...	2	...	...	1	...	1	...	1
All Causes ...	81	30	55	42	45	41	44	47
AGE AT DEATH.								
Under 1	23	2	7	8	11	4	13	5
1– 4	8	5	2	4	2	3	4	3
5– 9	1	...	...	1	1	...	1	2
10–14	1	...	1	...	2	...	...	...
15–24	...	1	4	2	1	1	2	...
25–34	3	2	4	2	1	3	3	2
35–44	6	1	4	2	5	3	2	2
45–54	8	3	6	4	2	1	1	5
55–64	11	2	8	7	7	6	6	3
65–74	15	7	12	6	7	10	8	12
75–84	4	4	5	6	5	7	3	9
85 and over	1	3	2	...	1	3	1	4
All Ages ...	81	30	55	42	45	41	44	47

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at Glasgow, Edinburgh, Dundee, Aberdeen, Paisley, Greenock, and Perth, During the Month of December 1927.

OBSERVERS.	Height of Barometer above Sea-level.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Station-level and 32°.	AIR PRESSURE at 9 A.M. and 9 P.M. Mean at Sea-Level and 32°.	AIR TEMPERATURE. Mean of Maximum (A.)	AIR TEMPERATURE. Mean of Minimum (B.)	AIR TEMPERATURE. Mean of A and B (Mean Temperature).	AIR TEMPERATURE. Difference from Average.	AIR TEMPERATURE. Absolute Maximum and Minimum. Maximum.	Day of Month.	Minimum.	Day of Month.	HYGROMETER. Mean at 9 A.M. and 9 P.M. Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	RAIN, AND OTHER FORMS OF PRECIPITATION. Number of Days.	Total Fall.	Difference from Average.	WIND DIRECTIONS. Number of Observations at 9 A.M. and 9 P.M. N	NE	E	SE	S	SW	W	NW	Calm or Variable.
	feet.	inch.	inch.	°	°	°	°	°		°			°	inch.	per cent.		inch.	inch.									
GLASGOW, Professor J. R. Currie, M.D., The University.	139	29·808	29·966	39·3	33·4	36·3	−3·2	51	5th	25	18th	36·4	1·8	·173	82	13	1·16	−2·99	2	10	32	6	2	2	2	2	4
EDINBURGH, Professor R. A. Sampson, F.R.S., Royal Observatory.	441	29·498	29·994	38·5	32·2	35·3	−3·6	49	6th	24	19th	34·9	1·3	·176	87	12	1·44	−0·70	3	4	18	17	9	2	1	0	8
DUNDEE, A. Macrae, Curator of Cemeteries.	164	29·794	29·980	38·0	31·9	34·9	−2·7	46	6th	19	18th	35·3	1·1	·180	89	18	2·02	−0·64	0	15	0	30	0	6	0	11	0
ABERDEEN,* The Meterological Office.	90	29·905	30·008	38·5	34·4	36·5	−2·1	48	6th	17	18th	36·9	2·1	·173	79	22	2·46	−[illegible]6	5	4	10	18	8	3	9	4	1
PAISLEY, The Coats Observatory.	107	29·849	29·971	38·8	32·8	35·8	−4·1	50	6th	23	18th	35·9	1·3	·183	87	13	1·54	−3·51	2	9	25	14	4	1	0	0	7
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	233	29·704	29·969	38·7	33·9	36·3	−3·1	49	5, 6	27	18, 20	35·9	1·3	·183	87	15	1·38	−6·51	3	5	42	8	2	0	0	2	0
PERTH,† J. Ritchie, The Museum.	22	29·934	29·959	38·3	30·7	34·5	−3·0	49	6th	15	18th	34·0	0·6	·183	94	11	1·68	−1·55	4	18	2	24	0	4	0	10	0
Means . .	171	29·785	29·978	38·6	32·8	35·7	−3·1	..	..	..	..	35·6	1·4	·179	86	15	1·67	−2·38	3	9	18	17	3	3	2	4	3

North Latitude.—Glasgow, 55° 52′; Edinburgh, 55° 55′; Dundee, 56° 28′; Aberdeen, 57° 9′; Paisley, 55° 51′; Greenock, 55° 57; Perth, 56° 23′; Mean, 56° 14′.
West Longitude.—Glasgow, 4° 17′; Edinburgh, 3° 11′; Dundee, 2° 57′; Aberdeen, 2° 7′; Paisley, 4° 27′; Greenock, 4° 46; Perth, 3° 25′; Mean, 3° 36′.

* At 7 A.M. and 6 P.M. † At 9 A.M. only.

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